# SERVICE MANUAL

MODEL

BG-1S (D) CHASSIS

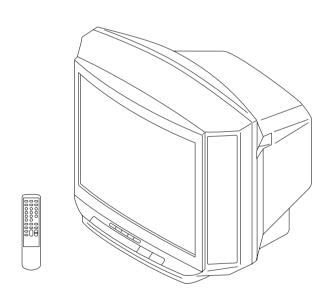
COMMANDER DEST. CHASSIS NO.

KV-J21MF1AK RM-883 India SCC-K67K-A
KV-J21MF3 RM-883 India SCC-K76F-A

COMMANDER DEST.

KV-J21MF7A RM-883 India SCC-K67L-A

KV-J21MF7 RM-883 India SCC-K67G-A



CHASSIS NO.

MODEL





## **SPECIFICATIONS**

		Note		
Power requirements	110-240 V AC, 50/60 Hz			
Power consumption (W)	Indicated on the rear of the TV			
Television system	B/G, I, D/K, M	Except for KV-J21PF1		
	B/G	KV-J21PF1		
Color system	PAL, PAL 60, SECAM, NTSC4.43, NTSC3.58	Except for KV-J21PF1		
	PAL, PAL 60,NTSC4.43, NTSC3.58 (AV IN)	KV-J21PF1		
Stereo system	NICAM Stereo B/G, I; A2 Stereo (German) B/G	KV-J21MN1AK only		
Channel coverage				
B/G	VHF: E2 to E12/UHF: E21 to E69/CATV: S01 to S03, S1 to S41			
1	UHF: B21 to B68/CATV: S01 to S03, S1 to S41	Except for KV-J21PF1		
D/K	VHF: C1 to C12, R1 to R12/UHF: C13 to C57, R21 to R60/			
	CATV: S01 to S03, S1 to S41, Z1 to Z39	Except for KV-J21PF1		
М	VHF: A2 to A13/UHF: A14 to A79/			
	CATV: A-8 to A-2, A to W+4, W+6 to W+84	Except for KV-J21PF1		
Audio output (speaker)	3W + 3W	KV-J21MF3/J21PF1		
	3W + 3W + 7W (3D WOOFER)	KV-J21MF1AK/J21MN1AK		
Inputs	Antenna: 75 ohms			
	VIDEO IN jacks: phono jacks			
	Video: 1 Vp-p, 75 ohms			
	Audio: 500 mVrms, high impedance			
Outputs	Headphone jack: minijack			
	MONITOR OUT jacks: phono jacks			
	Video: 1 Vp-p, 75 ohms			
	Audio: 500 mVrms			
Picture tube	21 in.			
Tube size (cm)	54	Measured diagonally		
Screen size (cm)	51	Measured diagonally		
Dimensions (w/h/d, mm)	$610 \times 470 \times 488$	KV-J21MF3/J21PF1		
	$610 \times 510 \times 488$	KV-J21MF1AK/J21MN1AK		
Mass (kg)	23	KV-J21MF3/J21PF1		
	25	KV-J21MF1AK/J21MN1AK		

Design and specifications are subject to change without notice.

## CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

## SAFETY-RELATED COMPONENT WARNING!!

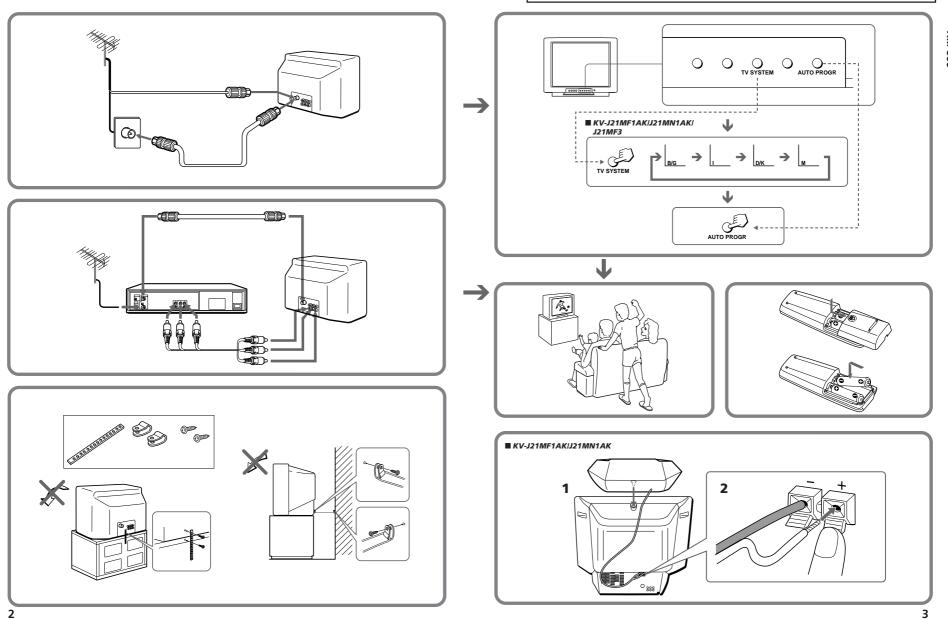
COMPONENTS IDENTIFIED BY SHADING AND MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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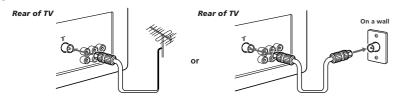
# SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instructions Manual. The page numbers of the Operating Instruction Manual remain as in this manual.



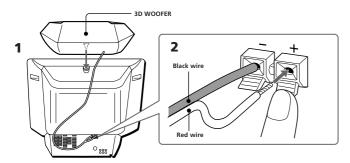
## Connecting a VHF antenna or a combination VHF/UHF antenna - 75-ohm coaxial cable (round)

Attach an optional IEC antenna connector to the 75-ohm coaxial cable. Plug the connector into the ™ (antenna) socket at the rear of the TV.



## **Connecting the 3D WOOFER**

- **■** KV-J21MF1AK/J21MN1AK only
- 1 Attach the 3D WOOFER into the foothold on the top of the TV.
- $\boldsymbol{2}$  Connect the wires to the 3D WOOFER (8 $\Omega$ ) terminals at the rear of the TV. The red wire should be connected to the  $\oplus$  red terminal and the black wire to the  $\ominus$  black terminal.



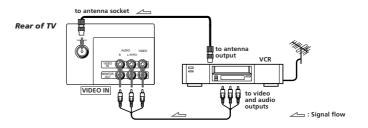
- Connect only the supplied 3D WOOFER; otherwise the TV may malfunction.
- Unplug the TV from the wall outlet when connecting the 3D WOOFER.
- To prevent a malfunction caused by a short circuit of the terminals, make sure that none of the 3D WOOFER wire strands stick out, making contact with the neighbouring speaker terminal.

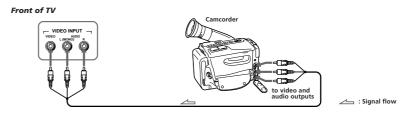
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## **Connecting optional equipment**

You can connect optional audio/video equipment to your TV such as a VCR, multi disc player, camcorder, video

## Connecting video equipment using video input jacks

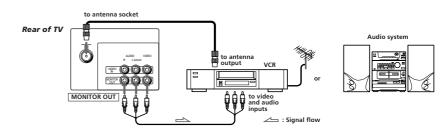




## When using the video input jacks

Do not connect video equipment to the video input jacks at the front and the rear of your TV simultaneously; otherwise the picture will not be displayed properly on the screen.

## Connecting audio/video equipment using MONITOR OUT jacks



## When recording through the MONITOR OUT jacks

If you change the channel or video input while recording with a VCR, the channel or video input you are recording also will be changed.

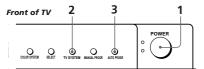
# **Presetting channels**

You can preset up to 100 TV channels in numerical sequence from program position 1 automatically.

To change the channel for a particular program position or to receive a channel with a weak signal, you can preset the channel manually. You can also disable program position.

You can preset TV channels using the buttons on the TV or the remote commander.

## Presetting channels automatically using the buttons on the TV



1 Press POWER to turn on the TV.

0

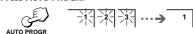


When the TV is turned on in standby mode, press POWER on the remote commander.

2 Press TV SYSTEM until your local TV system appears (KV-J21MF1AK/J21MN1AK/J21MF3 only)



3 Press AUTO PROGR.



## To start presetting channels automatically from the specified program position

- 1 Press MANUAL PROGR.
- 2 Press TV SYSTEM to select your local TV system (KV-J21MF1AK/J21MN1AK/J21MF3 only).
- 3 Press PROGR +/- to select the program position.
- 4 Press AUTO PROGR.
  - 6 | Getting Started

## Presetting channels manually using the buttons on the TV

- 1 Press MANUAL PROGR.
- 2 Press PROGR +/- on the remote commander until the required program position appears on the screen.
- 3 Press TV SYSTEM until your local TV system appears (KV-J21MF1AK/J21MN1AK/J21MF3
- 4 Press VOLUME +/- until the required channel picture appears on the screen.
- 5 Press MANUAL PROGR.

## If the TV system is not properly selected (KV-J21MF1AK/J21MN1AK/J21MF3 only)

The color of the picture may be poor and/or the sound may be noisy. In this case, select the appropriate TV

- 1 Press PROGR +/- on the remote commander to select the program position.
- 2 Press TV SYSTEM until the picture and sound become normal.

## Notes (KV-J21MF1AK/J21MN1AK/J21MF3 only)

- If you do not know your local TV system, consult your nearest authorized service center or dealer.
- · The setting of the TV SYSTEM is memorized for each program

## Disabling program positions using the buttons on the TV

By disabling unused or unwanted program positions, you can skip those positions when you press PROGR +/- on the remote commander.

- 1 Press PROGR +/- on the remote commander until the unused or unwanted program position appears on the screen.
- 2 Press MANUAL PROGR.
- **3** Press PIC MODE on the remote commander.
- 4 Press MANUAL PROGR.

## To cancel the skip setting

Preset the channel manually or automatically again.

## Presetting channels automatically using the remote commander



1 Press POWER to turn on the TV.



When the TV is turned on in standby mode, press POWER on the remote commander.

2 Press SELECT until "TV SYSTEM" appears (KV-J21MF1AK/J21MN1AK/J21MF3 only).





3 Press + or - to select your local TV system (KV-J21MF1AK/J21MN1AK/J21MF3 only).



4 Press SELECT until "AUTO PROGRAM" appears.





**5** Press + or - .





6 Press + or - .





## Presetting channels manually using the remote commander

1 Press SELECT until "TV SYSTEM" appears (KV-J21MF1AK/J21MN1AK/J21MF3 only).





2 Press + or - to select your local TV system (KV-J21MF1AK/J21MN1AK/J21MF3 only).



3 Press PROGR +/- or a number button until the required program appears on the



4 Press SELECT until "MANUAL PROGRAM"





(4) (5) (6)

8 9

**5** Press + or - .





6 Press + or - .



The selected channel appears on the screen.

**7** Press SELECT to return to normal screen.



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- 1 Select the program position you want to adiust.
- 2 Press SELECT until "MANUAL PROGRAM" appears on the screen.
- 3 Press + or on the remote commander
- 4 Press DISP until "FINE" appears on the screen.
- **5** Press + or continuously until you are satisfied with the picture and sound
- **6** Press SELECT to return to normal screen.

**Operations** 

# **Watching the TV**

1 Press POWER to turn on the TV.



When the TV is turned on in standby mode, press POWER on the remote commander.

2 Select the TV program you want to watch.

To select a program position directly

Press the number button.



To select a two-digit program position, press "-/--" before pressing the number buttons.

For example: to select program position 25, press "-/--," and then "2" and "5."









## To scan through program positions

Press PROGR +/- until the program position you want appears.



3 Press VOL +/- to adjust the volume.



## **Turning off the TV**

## To turn off the TV temporarily

Press POWER on the remote commander. The STANDBY indicator on the TV lights up.





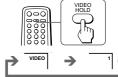
## To turn off the TV completely

Press POWER on the TV.

If the power on the TV is turned off in standby mode, the STANDBY indicator on the TV may remain alight for

## Watching the video input

Press VIDEO/HOLD.



## To watch TV

Press TV.



## Switching back quickly to the previous channel

Press JUMP.



## Muting the sound

Press MUTING.

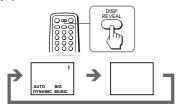


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## Displaying on-screen information

## Press DISP/REVEAL.

The program position, local system, and TV settings are displayed on the screen.

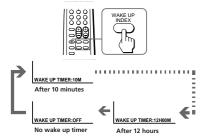


## **Setting the Wake Up Timer**

You can set the TV to automatically turn on as you have programmed.

1 Press WAKE UP/INDEX repeatedly to set the

The on-screen display appears and the WAKE UP indicator on the TV lights up.



- 2 If you want a particular TV program or video input to be displayed using the Wake Up Timer, select the TV program or video input.
- **3** Press POWER on the remote commander or set the Sleep Timer to turn off the TV in standby mode.

To cancel the Wake Up Timer, press WAKE UP/INDEX repeatedly until "WAKE UP TIMER: OFF" appears, or turn off the main power of the TV.

## Notes

· The Wake Up Timer starts immediately after the on-screen

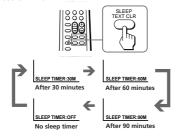
display disappears.

- The last TV program position or video input just before the TV turns into standby mode will appear when the TV is turned on using the Wake Up Timer.
- If no buttons or controls are pressed for more than two hours after the TV is turned on using the Wake Up Timer, the TV automatically turns into standby mode. If you want to continue watching the TV, press any button or control on the remote commander or the TV.

## **Setting the Sleep Timer**

You can set the TV to automatically turn off as you have programmed.

### Press SLEEP/TEXT CLR.



To cancel the Sleep Timer, press SLEEP/TEXT CLR repeatedly until "SLEEP TIMER: OFF" appears, or turn off the TV.

## Changing the on-screen display language

You can use buttons on the remote commander or the TV to change the on-screen display language.



1 Press SELECT until the screen appears as follows:



**2** Press + or - to select "中文" or "عربی".



## Note

• You can also use SELECT and VOLUME +/- on the TV to select the on-screen display language

## **Using the Child Lock** feature

You can prevent a child from watching certain program positions by using the buttons on the remote commander.



- 1 Select the TV program you want to lock.
- 2 Press SELECT until "CHILD LOCK" appears on the screen.



3 Press + or - until "LOCKED" appears on the screen.



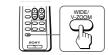
### Notes

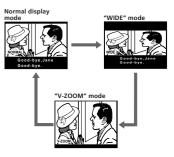
- To unlock the program position, repeat steps 1 to 3 as above until "LOCKED" disappears from the screen.
- . To prevent your child from unlocking the program position, keep the remote commander away from your child.

# Watching the picture in wide mode

You can adjust the display mode accordingly to fit the programs to your TV screen size.

Press WIDE/V-ZOOM repeatedly until the wide display mode you want appears on the screen.





# Adjusting the sound and picture



## Selecting the sound mode

Press SOUND MODE until the mode you want appears.



Each time you press SOUND MODE, the screen changes as follows:

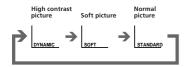


## Selecting the picture mode

Press PIC MODE until the mode you want appears.



Each time you press PIC MODE, the screen changes as follows:



· If you change the picture and sound mode after the following adjustments, the adjustment changes in accordance with the picture and sound mode.

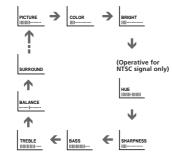
## 12 | Operations

## Adjusting the sound and picture settings

1 Press SELECT until the item you want to adjust appears.



Each time you press SELECT, the screen changes



2 Press + or - to adjust the item.



## 3 To adjust other items, repeat steps 1 and 2.

- You can also use SELECT and VOLUME +/- on the TV to adjust the sound and picture settings.
- SURROUND is only applicable to a stereo signal. When receiving a monaural signal, please turn off SURROUND for the best sound

## Front of TV



## If the picture color is abnormal when receiving programs through the T (antenna) terminal

Change the "TV SYSTEM" (for KV-J21MF1AK/J21MN1AK/ J21MF3 only) or "COLOR SYSTEM" setting or adjust the "COLOR" level in the on-screen display until the color becomes normal.

### If the picture color is abnormal when receiving programs through the video input jack

Change the "COLOR SYSTEM" setting or adjust the "COLOR" level in the on-screen display until the color becomes normal.

• Normally set "COLOR SYSTEM" to "AUTO".

If the sound is distorted or noisy when receiving programs through the T (antenna) terminal Change the "TV SYSTEM" setting (for KV-J21MF1AK/ J21MN1AK/J21MF3 only) in the on-screen display until the sound becomes clear.

# Selecting a stereo or bilingual program

### ■ KV-J21MN1AK only

## Press A/B/ENLARGE repeatedly until you receive the sound you want.

The on-screen display changes corresponding to the selected sound and the WAKE UP/STEREO indicator also lights up.



## When receiving a NICAM program

Broadcasting	On-screen display (Selected sound)					
NICAM stereo	NICAM MONO  →(Stereo sound) → (Regular sound)					
NICAM bilingual	NICAM NICAM MONO MAIN SUB (Regular - (Sub sound) sound)					
NICAM monaural	NICAM MONO (Regular sound) (Main sound)					

### When receiving an A2 (German) program

Broadcasting	On-screen display (Selected sound)				
A2 (German) stereo	STEREO (Stereo sound)				
A2 (German) bilingual	MAIN SUB (Sub sound)				

- · If the signal is very weak, the sound becomes monaural automatically.
- · If the stereo sound is noisy when receiving a NICAM program, select "MONO". The sound becomes monaural, however, the noise will be reduced

### If the sound is distorted or noisy when receiving a monaural program through the T (antenna) terminal

Press A/B/ENLARGE repeatedly until "MONO" appears on the screen.



To cancel the monaural sound setting, press A/B/ENLARGE again until "AUTO" appears on the screen.

### Notes

- The "MONO" or "AUTO" setting is memorized for each program position
- · You cannot receive stereo signal when the TV is in the "MONO" setting.

If you have any problems, read this manual again and check the countermeasure for each of the symptoms listed below.

If the problem persists, contact your nearest authorized service center or dealer.

## **Snowy picture Noisy sound**





- → Check the antenna.
- → Check the antenna connection on the TV and on the wall.
- → Check the TV SYSTEM setting (KV-J21MF1AK/J21MN1AK/J21MF3 only).

## **Dotted lines or stripes**



→ This may be caused by local interference (e.g. cars, neon signs and hair dryers). Adjust the antenna for minimum interference.

## Double images or "ghosts"



→ This may be caused by reflections from nearby mountains or buildings. A highly directional antenna may improve the picture.

## No picture No sound





- → Press POWER.
- → Check the antenna connection.
- → Check the VCR connections.
- → Check the power cord connection.
- → Check the standby mode.

## **Additional Information**

## **Good picture Noisy sound**





- → Check the TV SYSTEM setting (KV-J21MF1AK/J21MN1AK/J21MF3 only).
- → Reduce the TREBLE level or select the "SOFT" sound mode.

## **Good picture**

## No sound





- → Press VOLUME +
- → Press MUTING.
- → Press A/B/ENLARGE (KV-J21MN1AK).

### No color



- → Adjust the COLOR level in the on-screen display.
- → Check the COLOR SYSTEM setting.

## TV cannot receive stereo signal

→ Press A/B/ENLARGE until "AUTO" appears on the screen (KV-J21MN1AK).

### TV cabinet creaks

→ Even if the picture or the sound is normal, changes in the room temperature sometimes make the TV cabinet expand or contract, making a noise. This does not indicate a malfunction.

### Note on the remote commander

· The supplied remote commander is used on several models of the TV. If you do not find instructions for some controls that are on the remote commander, that means your TV does not employ the features of those controls, e.g. TEXT.

## Note on the TV SYSTEM button

• The TV SYSTEM button is not used on your TV (KV-J21PF1

## Notes

- When you switch on the TV, you may hear the "boon" sound that is caused by the demagnetization of the TV. This does not indicate a malfunction.
- . The picture color may become abnormal if you change the direction of your TV. To obtain the normal picture color, press POWER on the TV to switch off the TV for five minutes and then switch it on again.

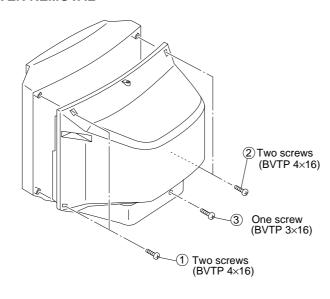
Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.



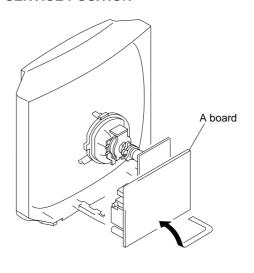
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# SECTION 2 DISASSEMBLY

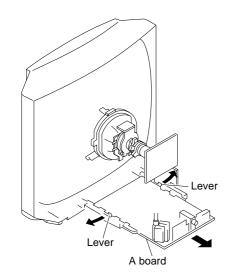
## 2-1. REAR COVER REMOVAL



## 2-3. SERVICE POSITION



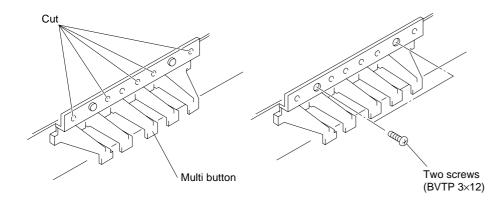
## 2-2. A BOARD REMOVAL

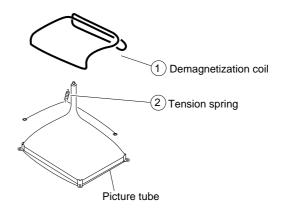


## 2-5. DEMAGNETIZATION COIL REMOVAL

For replacement of the Multi Button, Power Button and Light Guide, cut the welded portions from them, exchange with the new parts, and fix them with screws (+BVTP) respectively.

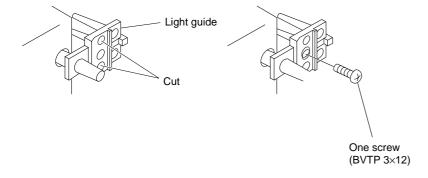
## 2-4-1. REPLACEMENT OF MULTI BUTTON



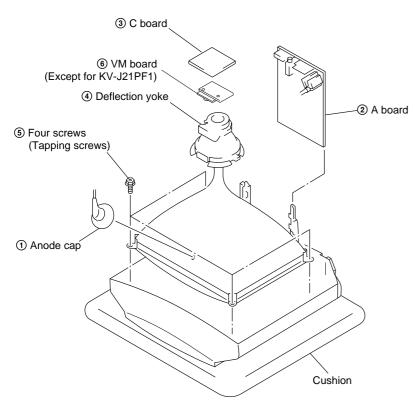


## 2-4-2. REPLACEMENT OF LIGHT GUIDE

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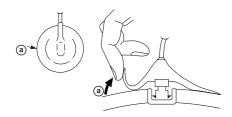
## 2-6. PICTURE TUBE REMOVAL



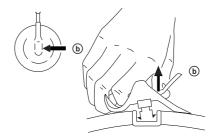
## • REMOVAL OF ANODE-CAP

**NOTE**: After removing the anode, short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT.

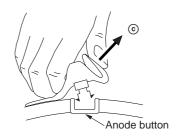
## • REMOVING PROCEDURES



1 Turn up one side of the rubber cap in the direction indicated by the arrow a.



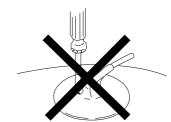
② Using a thumb press down, then pull up the rubber cap firmly in the direction indicated by the arrow ⑤.

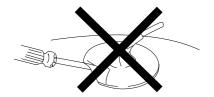


③ When one side of the rubber cap is separated from the anode button, the anodecap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow ⑥.

## HOW TO HANDLE AN ANODE-CAP

- ① Do not damage the surface of anode-cap with sharp shaped objects.
- ② Do not press the rubber too hard so as not to damage the inside of anode-cap. A metal fitting called the shatter-hook terminal is built into the rubber.
- ③ Do not turn the foot of rubber over too hard. The shatter-hook terminal will stick out or damage the rubber.





# SECTION 3 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in the following order:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. White Balance

Note: Test Equipment Required:

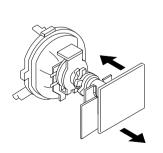
- 1. Color-bar/Pattern Generator
- 2. Degausser
- 3. Oscilloscope

## **Preparation:**

- In order to reduce the influence of geomagnetism on the set's picture tube, face it east or west.
- Switch on the power and degauss with the degausser.

## 3-1. BEAM LANDING

- 1. Input a white signal with the pattern generator.
  - Contrast
    Brightness normal
- Position neck assy as shown in Figure 3-1. (Except for KV-J21PF1)
- 3. Set the pattern generator raster signal to green.
- Move the deflection yoke to the rear and adjust with the purity control so that the green is at the center and the blue and the red take up equally sized areas on each side.
  - (See Figures 3-1 through 3-3.)
- 5. Move the deflection yoke forward and adjust so that entire screen is green. (See Figure 3-1.)
- 6. Switch the raster signal to blue, then to red and verify the condition.
- When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
- 8. If the beam does not land correctly in all the corners, use a magnet to adjust it. (See Figure 3-4.)



Neck assy G1 G2 G3

Fig. 3-1

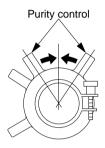


Fig. 3-2

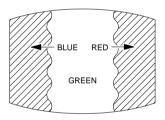
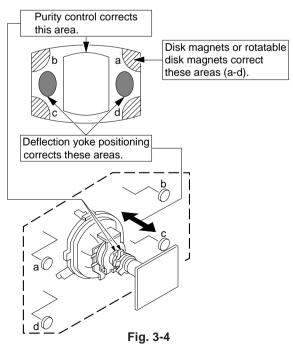


Fig. 3-3

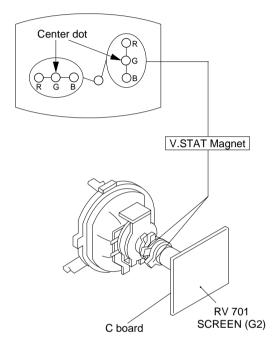


## 3-2. CONVERGENCE

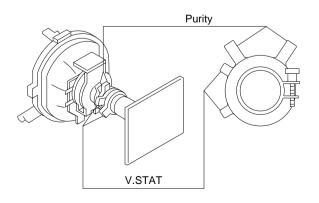
## **Preparation:**

- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.

## (1) Horizontal and Vertical Static Convergence

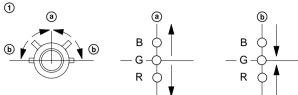


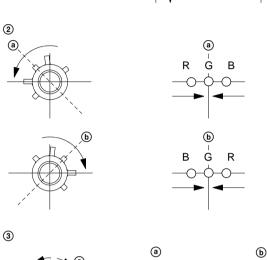
- (Moving vertically), adjust the V.STAT magnet so that the red, green and blue dots are on top of each other at the center of the screen.
- (Moving horizontally), adjust the H.STAT VR so that the red, green and blue dots are on top of each other at the center of the screen.



Operation of V.STAT magnet.

If the V.STAT magnet is moved in the direction of the ⓐ and ⓑ arrows, the red, green and blue dots move as shown below.





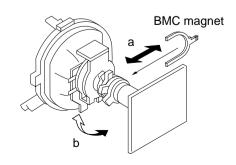


If the blue or red dot does not converge with the other two dots, perform following steps.

Move BMC magnet (a) to correct insufficient H.static convergence.

Rotate BMC magnet (b) to correct insufficient V.static convergence.

In either case, repeat Beam Landing Adjustment.

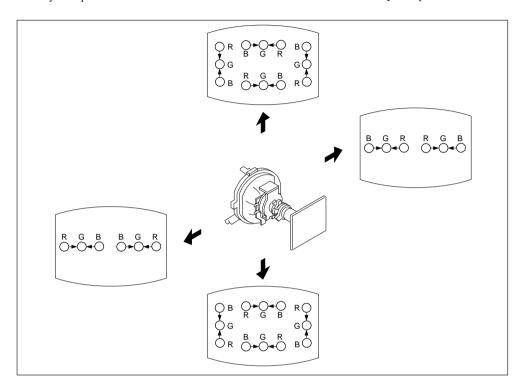


## (2) Dynamic Convergence Adjustment

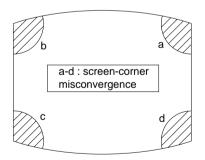
## **Preparation:**

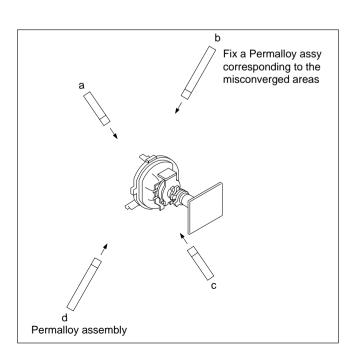
- Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.
- 1. Slightly loosen the deflection yoke screws.
- 2. Remove the deflection yoke spacer.

- 3. Move the deflection yoke as shown in the figure below and optimize the convergence.
- 4. Tighten the deflection yoke screws.
- 5. Install the deflection yoke spacer.



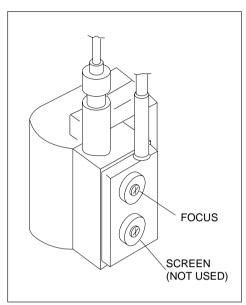
## (3) Screen-corner Convergence





## 3-3. FOCUS ADJUSTMENT

Adjust FOCUS control on the flyback transformer for the best focus.



Note: Screen VR is not use.

## a. AN ITEM OF ADJUSTMENT

Item number	Adjustment item	Initial DATA	Note
09	RDR	28	WHITE POINT R
0A	GDR	20	WHITE POINT G
0B	BDR	20	WHITE POINT B

# b. METHOD OF CANCELLATION FROM SERVICE MODE

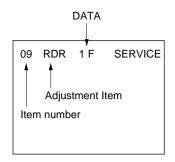
Set the standby condition (Press POWER button on the commander) and then press POWER button again, hereupon it becomes TV mode.

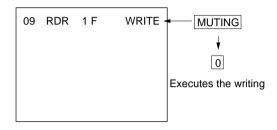
## c. METHOD OF WRITE FOR MEMORY

- 1) Set to Service Mode.
- 2) Press 1 (UP) and 4 (DOWN) to select an item of adjustments.
- 3) Press MUTING button and it will indicate WRITE on screen.
- 4) Press **0** button to write into memory.

## d. MEMORY WRITE CONFIRMATION METHOD

- 1) After adjustment, pull out the plug from AC outlet, and then plug into AC outlet again.
- 2) Turn the power switch ON and set to Service Mode.
- 3) Call the adjusted items again, confirm they were adjusted.

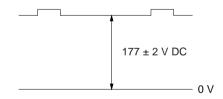




# 3-4. G2 (SCREEN) AND WHITE BALANCE ADJUSTMENTS

## 1. G2 (SCREEN) ADJUSTMENT (RV701)

- 1) Set the PICTURE and BRIGHTNESS to normal.
- 2) Put to VIDEO input mode without signals.
- 3) Connect R, G and B of the C board cathode to the oscilloscope.
- 4) Adjust G2 (RV701) volume to the value below.



## 2. WHITE BALANCE ADJUSTMENTS

- 1) Set to Service Mode.
- 2) Input an entire white signal.
- 3) Set the PICTURE to maximum.
- 4) Select RDR(09) with 1 and 4, and then set the level to 28 with 3 and 6.
- 5) Select GDR(0A) and BDR(0B) with 1 and 4 and adjust the level with 3 and 6 for the best white balance.
- 6) Write into the memory by pressing MUTING, then 0.

KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1 RM-883

# SECTION 4 SELF DIAGNOSIS FUNCTION

If no acknowledgement is returned from a device which is turned "ON", the device has a problem. In this case, one of the LED's responding to the problem device will flicker a defined number of times.

Flickering is operated by lighting the LED's for 60ss each time.

The flickering frequency responding to each failed device is shown below.

Device	NONVOLA- TILE MEMORY	_	Y/C JUNGLE	_	_	TONE CONTROL (IC 201)
Flickering Frequency	1	_	3	_	_	6

All the devices are checked one after another from the left of the table.

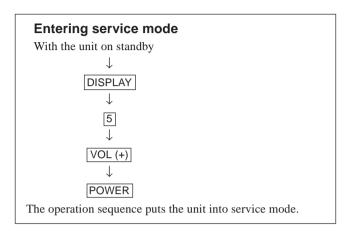
If an error is found, the responding LED will start flickering.

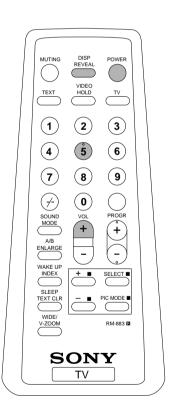
So, if more than 1 device have failed, only the one on the left side will flicker.

# SECTION 5 CIRCUIT ADJUSTMENTS

## 5-1. ADJUSTMENTS WITH COMMANDER

Service adjustments are made with the RM-883 that comes with this unit.

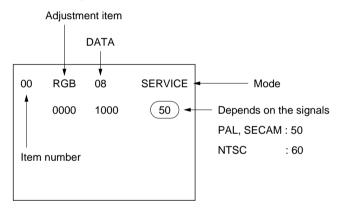


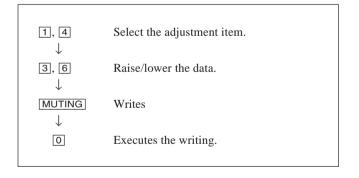


RM-883

1, 4 3, 6 MUTING	Raise/lower the service item number Raise/lower the data Writes Executes the writing
7,0	All data becomes the values in memory
8,0	All user control goes to the standard state
5, 0	Service data initialization (Be sure not to use usually.)
2, 0	Write 50Hz adjustment data to 60Hz, or viceversa.

The screen display is:



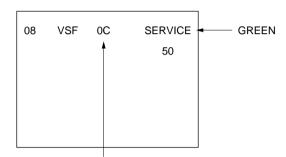


## 5-2. ADJUSTMENT METHOD

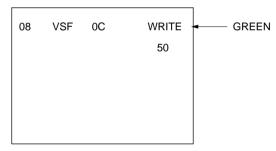
Item Number 08

This explanation uses V-SHIFT as an example.

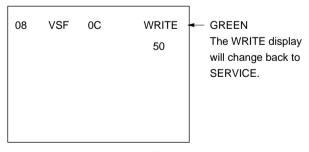
- 1. Select 08 V-SHIFT with the 1 and 4 buttons.
- 2. Raise/lower the data with the 3 and 6 buttons.
- 3. Select the optimum state. (The standard is 0F for PAL reception.)
- 4. Write with the MUTING button.
- 5. Execute the writing with the O button. (The WRITE display returns to green SERVICE.)



Ajust with the 3 and 6 buttons.



Written with the MUTING.



Write executed with 0 .

Use the same method for Items Number 00-4B. Use 1 and 4 to select the adjustment item, use 3 and 6 to adjust, write with MUTING, then execute the write with 0.

## Adjustment Item Table (For KV-J21MF1AK/J21MF3/J21PF1)

Item number	Adjustment Item	Data range	Initial data		Standard da	ata	Note	Device
00 01 02 03 04 05 06 07	HSF HSZ PAP CNP TLT VSL VAP SCR VSF	00-3F 00-3F 00-3F 00-3F 00-3F 00-3F 00-3F 00-3F	24 23 21 29 20 20 1D 20 20		50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz		H SHIFT H SIZE PIN AMPLITUDE CORNER PIN TILT V SLOPE V AMPLITUDE S CORRECTION V SHIFT	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
09 0A 0B 0C	RDR GDR BDR FO	00–3F 00–3F 00–3F 00–03	28 20 20 20 00	TV: 00	VIDEO: 00		WHITE POINT R WHITE POINT G WHITE POINT B 01 Ø TIME CONSTANT	TDA8375 TDA8375 TDA8375 TDA8375
0D 0E 0F 10 11	AGC VSW FOR DL POC	00–3F 00–01 00–03 00–01 00–01	30 00 00 00 00	TV: 30 TV: 00	VIDEO: 30 VIDEO: 01			TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
12 13 14 15 16	VID HCO EVG SBL PRD	00-01 00-01 00-01 00-01 00-01	00 00 00 00 00		50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz		VIDEO IDENT MODE EHT TRACKING MODE ENABLE V GUARD SERVICE BLANKING OVER-VOLTAGE INPUT	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
17 18 19 1A 1B	COR PMX PMI SBR SHU	00-01 00-3F 00-3F 00-7F 00-0F	00 2D 00 4B 07		TV/VIDEO/TE	XT — — -	NOISE CORING PEAK PICTURE MAX DATA PICTURE MIN DATA SUB-BRIGHTNESS SUB-HUE	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
1C 1D 1E 1F 20	SSH SC1 SC2 AIP VZM	00-03 00-3F 00-3F 00-7F 00-3F	01 1F 0D 3F 19	TV: 01 50: 26 50: 0C		VIDEO: 02 60: 29 60: 0D	SUB-SHARPNESS SUB-COLOR LOWER SUB-COLOR HIGHER ADJUSTMENT IF-PLL VERTICAL ZOOM	TDA8375 TDA8375 TDA8375 TDA8375 TDA8375
21 22	TXP MXP	00–0F 00–0F	09 0D				TEXT PICTURE CONT. TEXT MIX MODE PIC.	SAA5281 SAA5281
23 24 25 26 27 28 29 2A 2B 2C 2D 2E 2F 30 31 32 33	BKP ODL OFR OFM OSH MUT ABL DTV SCM ROC ROS DVM POM FBT OP0 OP1 OP2	00-3F 00-FF 00-0F 00-0F 00-01 00-01 00-01 00-07 00-01 00-01 00-FF 00-FF 00-FF	00 10 00 00 0A 01 01 00 01 07 03 00 00 40 06				BLK OFF PICTURE POWER ON DELAY STBY → ON RGB OUT MAIN POWER RGB OUT OSD POSITION H NO SYNC. MUTE BRIGHT ABL DISABLE TV SYSTEM KEY SECAM TRAP ACTIVE ROTATION CENTER ROTATION STEP WIDTH DISABLE VM PORT MUTE CM FOR FBT LAYER SHORT OPTION 0 OPTION 1 OPTION 2	р-СОN

## Adjustment Item Table (For KV-J21MN1AK)

Item number	Adjustment Item	Data range	Initial data	Standard data	Note	Device
00	HSF	00–3F	24		H SHIFT	TDA8375
01	HSZ	00–3F	23		H SIZE	TDA8375
02	PAP	00–3F	21		PIN AMPLITUDE	TDA8375
03	CNP	00–3F	29		CORNER PIN	TDA8375
04	TLT	00–3F	20		TILT	TDA8375
05	VSL	00–3F	20		V SLOPE	TDA8375
06	VAP	00–3F	1D		V AMPLITUDE	TDA8375
07	SCR	00–3F	20		S CORRECTION	TDA8375
80	VSF	00–3F	20		V SHIFT	TDA8375
09	RDR	00–3F	28		WHITE POINT R	TDA8375
0A	GDR	00–3F	20		WHITE POINT G	TDA8375
0B	BDR	00–3F	20		WHITE POINT B	TDA8375
0C	FO	00–03	00		ø TIME CONSTANT	TDA8375
0D	AGC	00–3F	30		AGC TAKE OVER	TDA8375
0E	VSW	00-01	00		VIDEO MUTE	TDA8375
0F	FOR	00–03	00		FORCED FIELD FREQ.	TDA8375
10	DL	00–01	00		INTERLACE	TDA8375
11	POC	00–01	00		SYNCHRO MODE FIX	TDA8375
12	VID	00–01	00		VIDEO IDENT MODE	TDA8375
13	HCO	00–01	00		EHT TRACKING MODE	TDA8375
14	EVG	00–01	00		ENABLE V GUARD	TDA8375
15	SBL	00–01	00		SERVICE BLANKING	TDA8375
16	PRD	00–01	00		OVER-VOLTAGE INPUT	TDA8375
17	COR	00–01	$-\frac{1}{00}$		NOISE CORING PEAK	TDA8375
18	PMX	00-3F	27		PICTURE MAX DATA	TDA8375
19	PMI	00-3F	05		PICTURE MIN DATA	TDA8375
1A	SBR	00-7F	4B		SUB-BRIGHTNESS	TDA8375
1B	SHU	00-0F	07		SUB-HUE	TDA8375
1C	SSH	00–03	01		SUB-SHARPNESS	TDA8375
1D	SC1	00-3F	1F		SUB-COLOR LOWER	TDA8375
1E	SC2	00–3F	0B		SUB-COLOR HIGHER	TDA8375
1F	AIP	00–7F	3F		ADJUSTMENT IF-PLL	TDA8375
20	VZM	00–3F	19		VERTICAL ZOOM	TDA8375
21	FAW	00-FF	08		NICAM FAW THRESH	MSP3410
22	CTM	00-FF	08		NICAM ERROR BIT (MONO)	MSP3410
23	CTN	00-FF	50		NICAM ERROR BIT (NICAM)	MSP3410
24	WCD	00-FF	0A		DATA CHANGE BEFORE W. G.	MSP3410
25	WST	00-FF	15		MONO → W. G. STEREO	
					DISCONNECTING POINT	MSP3410
26	WTM	00-FF	50		W.G CHANGE TIMER	MSP3410
27	WBT	00-FF	EA		W. B BILINGUAL	MODO
00	400	00 04	0.4		DISCONNECTING POINT	MSP3410
28	ACG	00-01	01		AGC AUTO/CONSTANT	MSP3410
29	CDB FGP	00–3F	28		AGC GAIN CONSTANT	MSP3410
2A 2B	FGP FMP	00–7F 00–7F	24 40		FM (B/G, I, D/K) PRESCALE FM (M) PRESCALE	MSP3410 MSP3410
2B 2C	WGP	00–7F	3C		W. G. PRESCALE	MSP3410 MSP3410
2D	NIP	00-7F	7F		NICAM PRESCALE	MSP3410
2E	CRM	00-71	00		CARRIER MUTE	MSP3410
2F	CML	00-03	00		CARRIER MUTE LEVEL	MSP3410
30	ACO	00-01	01		AUDIO CLOCK OUT	MSP3410
31	WAC	00-01	01		W. G. AGREEMENT COUNT	MSP3410
32	DLY	00-FF	30		STEREO SEARCH DELAY	MSP3410
33	DLG	00-FF	10		INTERVAL OF ID CHECK	MSP3410

Item number	Adjustment		Initial data	Standard data	Note	Device
	Item	range				
34	TXP	00-0F	09		TEXT PICTURE	SAA5281
35	MXP !	00-0F	0D		TEXT MIX MODE PICTURE	SAA5281
36	BKP	00-3F	00		BLK OFF PICTURE	μ-CON
37	HBL	00-3F	25		H BLK LEFT WIDTH	μ-CON
38	HBR	00-3F	20		H BLK RIGHT WIDTH	μ-CON
39	VBH	00-7F	00		H BLK HIGH WIDTH	μ-CON
3A	VBL	00-7F	FF		H BLK LOW WIDTH	μ-CON
3B	ODL	00-FF	10		POWER ON DELAY	μ-CON
3C	OFR	00-0F	00		STBY → ON RGB OUT	μ-CON
3D	OFM	00-0F	00		MAIN POWER RGB OUT	μ-CON
3E	OSH	00-3F	0A		OSD POSITION H	μ-CON
3F	DKS	00–01	01		D/K NICAM	μ-CON
40	MUT	00–01	01		NO SYNC. MUTE	μ-CON
41	DWZ	00–01	01		DIABLE WIDEZOOM	μ-CON
42	ABL	00–01	01		BRIGHT ABL	μ-CON
43	DTV	00–01	00		DISABLE TV SYSTEM KEY	μ-CON
44	SCM	00–01	00		SECAM TRAP ACTIVE	μ-CON
45	ROC	00-0F	07		ROTATION CENTER	μ-CON
46	ROS	00-07	03		ROTATION STEP WIDTH	μ-CON
47	DVM	00–01	00		DISABLE VM MUTE	μ-CON
48	FBT	00-01	00		C/M FOR FBT LAYER SHORT	μ-CON
49	OP0	00-FF	40		OPTION 0	μ-CON
4A	OP1	00-FF	07		OPTION 1	μ-CON
4B	OP2	00-FF	00		OPTION 2	μ-CON

## NOTE

• Standard Data: Those are the standard data values written on the microprocessor. Therefore, the data values of the modes are stored respectively in the memory.

In case of a device replacement, adjustment by rewriting the data value is necessary for some items.

- 50 ..... 50 Hz data
- 60 ..... 60 Hz data
- Standard data listed on the adjustment item table are reference values, therefore it is different for every model.

## **ITEM INFORMATION**

- 10. DL: TV/MIX Mode 0=Interlace 1=interlace, TEXT Mode 0=interlace 1=Interlace
- 29. ABL (For KV-J21MF1AK/J21MF3/J21PF1) 42. ABL (For KV-J21MN1AK): Bright ABL ON/OFF ON=1 OFF=0
- 31. OP0 32. OP1 33. OP2 (For KV-J21MF1AK/J21MF3/J21PF1)
- 49. OP0 4A. OP1 4B. OP2 (For KV-J21MN1AK)

Input data are different according to models.

AV INPUT :  $00 \rightarrow NO \text{ MODEL}$ ,  $01 \rightarrow MONO$ , CXA1315,  $10/11 \rightarrow STEREO$ , TDA8424

TV System : 00  $\rightarrow$  Multi model, 01  $\rightarrow$  B/G, 10  $\rightarrow$  D/K.I, 11  $\rightarrow$  B/G D/K

NTSC, SECAM, Chin

Shrp : Dynamic Mode @ 1  $\rightarrow$  Sharpness 50%, 0  $\rightarrow$  Sharpness 70%.

VM Operation :  $0 \rightarrow OFF$ ,  $1 \rightarrow ON$ 

## No. 31/49 OP0 \* Input data are different according to models

Item	_	AV Input		_	Remote	Auto	Arabic/	Reserved
					Preset	Program	Video	
KV-J21MF1AK	0	1	0	0	1	1	1	0
KV-J21MF3	0	1	0	0	1	1	1	0
KV-J21MN1AK	0	1	0	0	1	1	0	0
KV-J21PF1	0	0	0	0	1	1	1	0

## No. 32/4A OP1

Item	_	Tilt	_	TV Sy	stem	NTSC 3.58	SECAM	Chin
KV-J21MF1AK	0	0	0	0	0	1	1	0
KV-J21MF3	0	0	0	0	0	1	1	0
KV-J21MN1AK	0	0	0	0	0	1	1	1
KV-J21PF1	0	0	0	0	1	1	0	0

## No. 33/4B OP2

Item	_	-	Child Lock	Space Sound	High Dev.	100 Prg	4.3 Wide	S.Video
KV-J21MF1AK	0	0	1	0	0	1	1	0
KV-J21MF3	0	0	1	0	0	1	1	0
KV-J21MN1AK	0	0	1	0	0	1	1	0
KV-J21PF1	0	0	1	0	0	1	1	0

## 5-3. A BOARD ADJUSTMENT AFTER IC003 (MEMORY) REPLACEMENT

- 1. Enter to Service Mode.
- 2. Press commander buttons 5 and 0 (Data Initialize), and 2 and O (Data Copy) to initialize the data.
- 3. Call each item number, and check if the respective screen shows the normal picture.

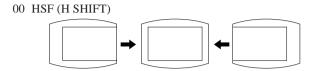
In case some items are not well-adjusted, give them fine adjustment.

Write the data per each item number ( $\boxed{\text{MUTING}} + \boxed{0}$ ).

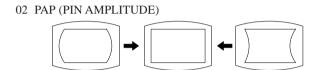
- 4. Select item numbers "31/49" (OP0), "32/4A" (OP1) and "33/ 4B" (OP2) and respectively set the bit per model with command buttons 3 and 6.
- 5. Press commander buttons 8 and 0 (Test Normal) to return to the data that was set on the shipment from the factory. (= Cancel Service Mode.)

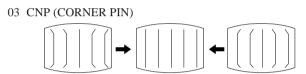
## 5-4. PICTURE DISTORTION ADJUSTMENT

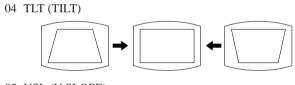
Item Number 00 – 08

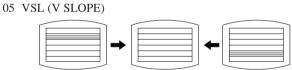


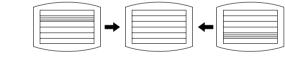


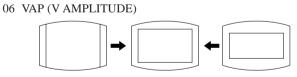


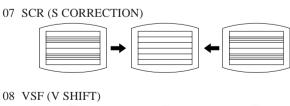


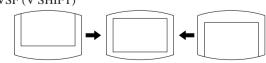












MEMO	

## **SECTION 7 EXPLODED VIEW**

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1 RM-883

# KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1

## NOTE:

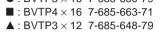
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

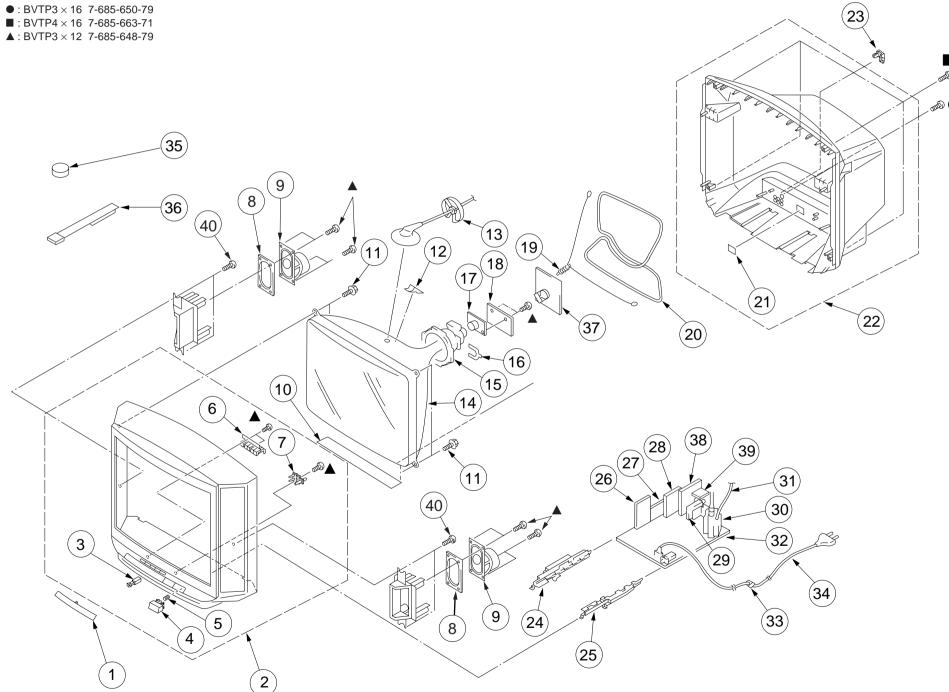
• Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  $\triangle$  are critical for safety.

Replace only with part number specified.

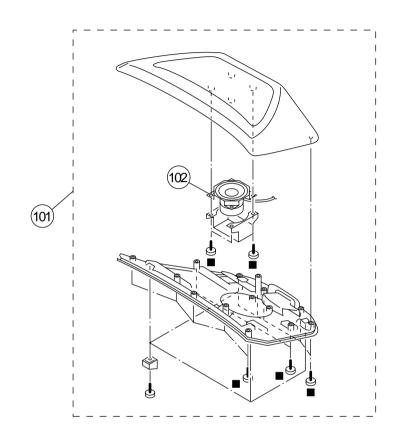
## 7-1. CHASSIS





1	4-060-121-51	DOOR, CONTROL (KV-J21MF1AK)
1	4-060-121-21	DOOR, CONTROL (KV-J21MF3)
	4-060-121-41	DOOR, CONTROL (KV-J21MN1AK)
	4-060-121-31	DOOR, CONTROL (KV-J21PF1)
2	X-4035-534-1	BEZNET ASSY (KV-J21MF1AK) 1,3-7
	X-4035-333-1	BEZNET ASSY (KV-J21MF3) 1,3-7
	X-4035-533-1	BEZNET ASSY (KV-J21MN1AK) 1,3-7
2	X-4035-505-2	BEZNET ASSY (KV-J21PF1) 1,3-7
3 4	4-047-464-01 4-060-123-11	CATCHER, PUSH BUTTON, POWER (EXCEPT FOR KV-J21PF1)
7	4-060-123-21	BUTTON, POWER (KV-J21PF1)
5	4-036-405-41	SPRING, COMPRESSION
6	4-060-122-11	BUTTON, MULTI (EXCEPT FOR KV-J21PF1)
_	4-060-122-21	BUTTON, MULTI (KV-J21PF1)
7	4-060-124-01	LIGHT, GUIDE
8 9	4-054-408-01 1-503-902-11	CUSHION, SPEAKER SPEAKER
10	4-054-468-01	SHEET, BLOTTING
10	4-034-400-01	SILLEI, BLOTTING
11	4-057-862-01	SCREW, TAPPING 5+CROWN WASHER
12	4-046-600-11	SPACER, DY
13	* 3-704-372-41	HOLDER, HV CABLE
14	△ 8-738-774-05	PICTURE TUBE (A51JUH71X)
15	8-451-280-33	DEFLECTION YOKE (Y21PXA2)
16	1 450 277 00	MACNET DAG
16 17	1-452-277-00 1-452-509-51	MAGNET, BMC NECK ASSY, CRT (NA308)
1/	1-432-309-31	(EXCEPT FOR KV-J21PF1)
18	* A-1342-422-A	VM BOARD, COMPLETE
10	11 13 12 122 11	(KV-J21MF1AK/J21MN1AK)
19	4-369-318-71	SPRING, TENSION
20	△ 1-409-942-11	COIL, DEMAGNETIZATION
21	4-049-416-11	BLIND, SHEET
22 21	⚠ X-4035-536-1 ⚠ X-4034-556-1	REAR COVER ASSY (KV-J21MF1AK/J21MN1AK) REAR COVER ASSY (KV-J21MF3/J21PF1) 21
23	4-049-130-21	CLAMP, CODE
24	* 4-060-125-01	GUIDE (L), PWB
25	* 4-060-126-01	GUIDE (R), PWB
26	* A-1294-197-A	A11 BOARD, COMPLETE
	* A 1202 714 A	(KV-J21MF1AK/J21MN1AK) A11 BOARD, COMPLETE (KV-J21MF3)
27	* A-1293-714-A * A-1294-182-A	A11 BOARD, COMPLETE (KV-J21MF3) A12 BOARD, COMPLETE
21	11 1274 102 11	(EXCEPT FOR KV-J21MF3)
	* A-1294-149-A	A12 BOARD, COMPLETE (KV-J21MF3)
28	A-1298-553-A	A3 BOARD, COMPLETE (KV-J21MN1AK ONLY)
29	△ 8-598-323-30	TUNER, VSS BT-AG401
• •		
30	△ 1-453-193-21	TRANSFORMER ASSY, FLYBACK (NX-1742//M3A)
31	▲ 1-900-700-05 * A-1298-554-A	LEAD ASSY, FOCUS A BOARD, COMPLETE (KV-J21MF1AK)
32	* A-1298-517-A	A BOARD, COMPLETE (KV-J21MF1AK) A BOARD, COMPLETE (KV-J21MF3)
	* A-1298-552-A	A BOARD, COMPLETE (KV-J21MN1AK)
	* A-1298-518-A	A BOARD, COMPLETE (KV-J21PF1)
33	△ 4-389-778-31	HOLDER, AC CORD
34	△ 1-574-062-61	CORD, POWER (WITH CONNECTOR) 2.5A/250V
35	1-452-032-00	MAGNET, DISC
36 37	X-4309-608-8 * A-1331-799-A	PERMALLOY ASSY, CONVERGENCE C BOARD, COMPLETE (EXCEPT FOR KV-J21MF3)
31	* A-1331-799-A * A-1331-697-A	C BOARD, COMPLETE (EXCEPT FOR KV-J21MF3) C BOARD, COMPLETE (KV-J21MF3)
38	* A-1380-580-A	K BOARD, COMPLETE
		(KV-J21MF1AK/J21MN1AK ONLY)
39	* A-1380-581-A	K1 BOARD, COMPLETE
		(KV-J21MF1AK/J21MN1AK ONLY)
. ~		achem and anter water to
40	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)

# **7-2. 3D Speaker (KV-J21MF1AK/J21MN1AK only)**■: BVTP4 × 16 7-685-663-71



REF.NO	. PART NO.	DESCRIPTION
101	A-1501-280-A	BOX ASSY, SPEAKER
102	1-505-892-11	SPEAKER (10CM)

REMARK

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1 RM-883

KV-J21MF1AK KV-J21MN1AK

# **SECTION 8 ELECTRICAL PARTS LIST**

NOTE:

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- Items marked " \* " are not stocked since RESISTORS they are seldom required for routine serv- • All resistors are in ohms ice. Some delay should be anticipated when • F: nonflammable ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

## CAPACITORS

• MF:  $\mu$ F, PF:  $\mu\mu$ F

## COILS

• MMH : μH, UH : μH

REF.N	NO. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	* A-1298-554-A	A BOARD, COMI	PLETE (KV-J2	21MF1A	.K)	C061	1-125-800-51	ELECT	2.2MF	20%	63V
		******	*****			C072	1-126-935-11	ELECT	470MF	20%	16V
	* A-1298-552-A	A BOARD, COMI	PLETE (KV-J2	21MN1 <i>A</i>	AK)	C074	1-102-110-00	CERAMIC	220PF	10%	50V
		******	*****		,	C101	1-101-003-00	CERAMIC	0.0047MF		50V
						C102	1-136-165-00	FILM	0.1MF	5%	50V
	* 1-535-893-11	TERMINAL,FAST	TEN(POSITIV	E LOCE	ζ)						
	* 1-580-798-11	CONNECTOR PIL	N (DY) 6P			C105	1-125-806-51	ELECT	220MF	20%	16V
	* 3-691-950-11	SPACER, P.C.BOA	ARD			C106	1-125-797-51	ELECT	10MF	20%	50V
	4-382-854-11	SCREW (M3X10)	, P, SW (+)			C108	1-125-807-51	ELECT	1000MF	20%	16V
						C109	1-102-125-00	CERAMIC	0.0047MF	10%	50V
						C111	1-102-074-00	CERAMIC	0.001MF	10%	50V
		<capacitor></capacitor>									
						C114	1-102-973-00	CERAMIC	100PF	5%	50V
C001	1-102-119-00	CERAMIC	0.0015MF	10%	50V	C115	1-102-947-00	CERAMIC	10PF	0.5PF	50V
C002	1-126-965-11	ELECT	22MF	20%	50V	C116	1-136-165-00	FILM	0.1MF	5%	50V
C003	1-102-973-00	CERAMIC	100PF	5%	50V	C117	1-102-973-00	CERAMIC	100PF	5%	50V
C004	1-125-800-51	ELECT	2.2MF	20%	63V	C118	1-126-965-11	ELECT	22MF	20%	50V
C007	1-125-798-51	ELECT	0.47MF	20%	63V						
						C119	1-136-153-00	FILM	0.01MF	5%	50V
C009	1-102-824-00	CERAMIC	470PF	5%	50V	C120	1-130-493-00	MYLAR	0.068MF	5%	50V
C010	1-136-157-00	FILM	0.022MF	5%	50V	C121	1-130-493-00	MYLAR	0.068MF	5%	50V
C011	1-125-794-51	ELECT	47MF	20%	16V	C122	1-125-804-51	ELECT	100MF	20%	16V
C012	1-102-973-00	CERAMIC	100PF	5%	50V	C124	1-136-165-00	FILM	0.1MF	5%	50V
C015	1-101-884-00	CERAMIC	56PF	5%	50V						
						C125	1-136-165-00	FILM	0.1MF	5%	50V
C016	1-101-884-00	CERAMIC	56PF	5%	50V	C233	1-125-794-51	ELECT	47MF	20%	16V
C017	1-102-973-00	CERAMIC	100PF	5%	50V	C234	1-125-794-51	ELECT	47MF	20%	16V
C018	1-102-973-00	CERAMIC	100PF	5%	50V	C235	1-125-804-51	ELECT	100MF	20%	16V
C021	1-102-074-00	CERAMIC	0.001MF	10%	50V	C236	1-126-948-11	ELECT	100MF	20%	35V
C022	1-102-074-00	CERAMIC	0.001MF	10%	50V						
						C237	1-125-804-51	ELECT	100MF	20%	16V
C023	1-102-074-00	CERAMIC	0.001MF	10%	50V	C238	1-137-188-51	FILM	0.15MF	5%	50V
C024	1-102-074-00	CERAMIC	0.001MF	10%	50V	C239	1-125-804-51	ELECT	100MF	20%	16V
C025	1-102-074-00	CERAMIC	0.001MF	10%	50V	C240	1-137-188-51	FILM	0.15MF	5%	50V
C026	1-102-074-00	CERAMIC	0.001MF	10%	50V	C241	1-125-813-51	ELECT	1000MF	20%	25V
C027	1-102-074-00	CERAMIC	0.001MF	10%	50V						
						C242	1-136-153-00	FILM	0.01MF	5%	50V
C034	1-136-165-00	FILM	0.1MF	5%	50V	C243	1-125-797-51	ELECT	10MF	20%	50V
C042	1-102-973-00	CERAMIC	100PF	5%	50V	C244	1-125-813-51	ELECT	1000MF	20%	25V
C044	1-102-973-00	CERAMIC	100PF	5%	50V	C246	1-128-551-11	ELECT	22MF	20%	25V
C046	1-102-973-00	CERAMIC	100PF	5%	50V	C247	1-125-813-51	ELECT	1000MF	20%	25V
C048	1-136-165-00	FILM	0.1MF	5%	50V						
						C253	1-125-804-51	ELECT	100MF	20%	16V
C049	1-136-165-00	FILM	0.1MF	5%	50V	C254	1-130-480-00	MYLAR	0.0056MF	5%	50V
C050	1-126-960-11	ELECT	1MF	20%	50V	C255	1-130-480-00	MYLAR	0.0056MF	5%	50V
C052	1-136-165-00	FILM	0.1MF	5%	50V	C257	1-136-175-00	FILM	0.68MF	5%	50V
C053	1-102-074-00	CERAMIC	0.001MF	10%	50V	C258	1-136-175-00	FILM	0.68MF	5%	50V
C055	1-126-935-11	ELECT	470MF	20%	16V						
						C300	1-125-794-51	ELECT	47MF	20%	16V
C056	1-102-074-00	CERAMIC	0.001MF	10%	50V	C304	1-136-165-00	FILM	0.1MF	5%	50V
C057	1-102-852-91	CERAMIC	47PF	5%	50V	C305	1-136-165-00	FILM	0.1MF	5%	50V
C058	1-102-973-00	CERAMIC	100PF	5%	50V	C306	1-136-165-00	FILM	0.1MF	5%	50V
C059	1-102-973-00	CERAMIC	100PF	5%	50V	C307	1-136-165-00	FILM	0.1MF	5%	50V
C060	1-102-074-00	CERAMIC	0.001MF	10%	50V						
						C308	1-136-165-00	FILM	0.1MF	5%	50V
						C309	1-136-165-00	FILM	0.1MF	5%	50V

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

											,
REF. N	O. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	_										
C310	1-136-165-00	FILM	0.1MF	5%	50V	C501	1-102-228-00	CERAMIC	470PF	10%	500V
C311	1-102-951-00	CERAMIC	15PF	5%	50V	C523	1-126-933-11	ELECT	100MF	20%	16V
C312	1-102-951-00	CERAMIC	15PF	5%	50V	C548	1-106-220-00	MYLAR	0.1MF	10%	100V
C313	1-125-804-51	ELECT	100MF	20%	16V	C551	1-126-948-11	ELECT	100MF	20%	35V
C314	1-102-121-00	CERAMIC	0.0022MF	10%	50V	C552	1-126-948-11	ELECT	100MF	20%	35V
C315	1-126-960-11	ELECT	1MF	20%	50V	C553	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C316	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C554	1-102-244-00	CERAMIC	220PF	10%	500V
C319	1-136-165-00	FILM	0.1MF	5%	50V	C555	1-101-804-00	CERAMIC	10PF	5%	500V
C320	1-136-165-00	FILM	0.1MF	5%	50V	C562	1-126-933-11	ELECT	100MF	20%	16V
C321	1-136-165-00	FILM	0.1MF	5%	50V	C602	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C323	1-101-880-00	CERAMIC	47PF	5%	50V	C603	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C324	1-125-800-51	ELECT	2.2MF	20%	63V	C604	1-117-752-11	ELECT(BLOCK)	330MF	20%	450V
C325	1-102-947-00	CERAMIC	10PF	0.5PF	50V	C605	1-161-830-00	CERAMIC	0.0047MF	99%	500V
0323	1 102 ) 17 00	CLIUINIC	1011	0.511	301	0005	1 101 050 00	CERTIFIE	0.00171111	<i>)</i>	300 V
C326	1-102-949-00	CERAMIC	12PF	5%	50V	C606	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C327	1-102-947-00	CERAMIC	10PF	0.5PF		C607	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C328	1-136-153-00	FILM	0.01MF	5%	50V	C608	1-104-332-11	CERAMIC	470PF	10%	2KV
C329	1-130-478-00	MYLAR	0.0039MF	5%	50V	C609	1-104-332-11	ELECT	100MF	20%	160V
C329		FILM	0.0039WIF	5%	50V	C610		ELECT	2200MF	20%	25V
C330	1-136-165-00	FILM	U. HVIF	3%	30 V	C010	1-126-943-11	ELECI	2200IVIF	20%	23 V
C331	1-125-797-51	ELECT	10MF	20%	50V	C611 △	1-164-497-51	CERAMIC	470PF	10%	400V
C332	1-125-797-31	FILM	0.1MF	20% 5%	50V 50V	C611 ZE	1-104-497-31	CERAMIC	470PF 470PF	10%	500V
C333	1-136-165-00	FILM	0.1MF	5%	50V	C613	1-102-824-00	CERAMIC	470PF	5%	50V
C334	1-102-123-00	CERAMIC	0.0033MF	10%	50V	C614	1-126-943-11	ELECT	2200MF	20%	25V
C335	1-102-973-00	CERAMIC	100PF	5%	50V	C616	1-102-228-00	CERAMIC	470PF	10%	500V
COOC	1 105 505 51	DI DOM	103.45	200/	5017	0610	1 100 111 00	CED 11 HC	450DE	100/	5017
C336	1-125-797-51	ELECT	10MF	20%	50V	C618	1-102-114-00	CERAMIC	470PF	10%	50V
C337	1-125-804-51	ELECT	100MF	20%	16V	C619	1-162-116-00	CERAMIC	680PF	10%	2KV
C339	1-101-361-00	CERAMIC	150PF	5%	50V		1-104-705-51	FILM	0.1MF	20%	250V
C340	1-102-074-00	CERAMIC	0.001MF	10%	50V	C622	1-107-368-11	MYLAR	0.047MF	99%	200V
C341	1-102-973-00	CERAMIC	100PF	5%	50V	C623	1-126-934-11	ELECT	220MF	20%	16V
C342	1-136-165-00	FILM	0.1MF	5%	50V	C624	1-126-767-11	ELECT	1000MF	20%	16V
C344	1-125-797-51	ELECT	10MF	20%	50V	C625	1-102-074-00	CERAMIC	0.001MF	10%	50V
C349	1-125-797-51	ELECT	10MF	20%	50V	C627	1-162-116-00	CERAMIC	680PF	10%	2KV
C350	1-125-794-51	ELECT	47MF	20%	16V	C628	1-102-824-00	CERAMIC	470PF	5%	50V
C351	1-136-165-00	FILM	0.1MF	5%	50V	C630 △	1-164-497-51	CERAMIC	470PF	10%	400V
C352	1-136-169-00	FILM	0.22MF	5%	50V	C631	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C358	1-136-165-00	FILM	0.1MF	5%	50V	C632 🗥	1-164-497-51	CERAMIC	470PF	10%	400V
C359	1-125-804-51	ELECT	100MF	20%	16V	C633	1-161-754-00	CERAMIC	0.001MF	10%	3KV
C361	1-102-074-00	CERAMIC	0.001MF	10%	50V	C634	1-102-114-00	CERAMIC	470PF	10%	50V
C362	1-162-211-31	CERAMIC	33PF	5%	50V	C801	1-123-024-21	ELECT	33MF		160V
C367	1-136-165-00	FILM	0.1MF	5%	50V	C802	1-107-364-11	MYLAR	0.01MF	10%	200V
C368	1-136-165-00	FILM	0.1MF	5%	50V	C804	1-102-074-00	CERAMIC	0.001MF	10%	50V
C369	1-136-165-00	FILM	0.1MF	5%	50V	C805	1-102-244-00	CERAMIC	220PF	10%	500V
C370	1-136-165-00	FILM	0.1MF	5%	50V	C806	1-126-960-11	ELECT	1MF	20%	50V
C374	1-126-967-11	ELECT	47MF	20%	50V	C807	1-136-569-11	FILM	1.2MF	5%	200V
C375	1-126-967-11	ELECT	47MF	20%	50V	C808	1-129-746-00	FILM	0.039MF	5%	400V
C401	1-101-004-00	CERAMIC	0.01MF		50V	C809	1-162-115-00	CERAMIC	330PF	10%	2KV
		(KV-J21MN1AK)				C810	1-106-365-00	MYLAR	0.0082MF	99%	200V
C402	1-136-153-00	FILM	0.01MF	5%	50V	C811	1-162-318-11	CERAMIC	0.001MF	10%	500V
C403	1-126-968-11	ELECT	100MF	20%	50V	C812	1-136-081-00	FILM	0.012MF	3%	2KV
C404	1-101-004-00	CERAMIC	0.01MF	2070	50V	0012	1 100 001 00	112111	0.01211	270	211 1
2.01	- 101 001 00	(KV-J21MN1AK)				C816	1-107-636-11	ELECT	10MF	20%	160V
		(22. 02111111111)				C820	1-161-754-00	CERAMIC	0.001MF	10%	2KV
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C820	1-101-754-00	MYLAR	0.001WII	10%	200V
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V 50V	C821	1-104-999-11	FILM	1MF	5%	200V 200V
C400	1-102-125-00	CERAMIC	0.0047MF	10%	50V 50V	C822	1-136-111-00	FILM	0.01MF	5%	50V
C407	1-102-125-00	CERAMIC	0.0047MF 0.0047MF	10%	50V 50V	C023	1-130-133-00	1.117161	O.OHWIF	J 70	30 V
C408	1-102-123-00	CERAMIC	0.0047MF 27PF	10% 5%	50V 50V	C825	1-107-364-11	MYLAR	0.01MF	10%	200V
C410	1-102-901-00	CERAMIC	21FF	J70	30 V						
C422	1 100 000 00	CEDAMIC	220DE	50/	501/	C850	1-126-941-11	ELECT	470MF	20%	25V
C423	1-102-820-00	CERAMIC	330PF	5%	50V	C852	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C425	1-101-004-00	CERAMIC	0.01MF		50V	C853	1-162-318-11	CERAMIC	0.001MF	10%	500V
		(KV-J21MN1AK)				C854	1-126-941-11	ELECT	470MF	20%	25V

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1

RM-883

	(1	17 02 11011	TIAIL/							
REF.	NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C85	66	1-162-318-11	CERAMIC	0.001MF	10%	500V			<composition block="" circuit=""></composition>	
C85		1-136-159-00	FILM	0.033MF	5%	50V			COM OBITION ORCCIT BEOCK	
C86		1-102-228-00	CERAMIC	470PF	10%	500V	CP001	1-233-747-11	CIRCUIT BLOCK, COMPOSITION	
C86	51	1-107-654-11	ELECT	33MF	20%	250V	CP002	1-233-749-11	CIRCUIT BLOCK, COMPOSITION	
C87	15	1-128-562-11	ELECT	47MF	20%	100V	CP003	1-233-748-11	CIRCUIT BLOCK, COMPOSITION	
							CP004	1-233-750-11	CIRCUIT BLOCK, COMPOSITION	
C87		1-107-369-11	MYLAR	0.068MF	10%	100V	CP005	1-233-749-11	CIRCUIT BLOCK, COMPOSITION	
C89		1-102-116-00	CERAMIC	680PF	10%	50V				
C89		1-137-150-11	MYLAR	0.01MF	10%	100V			TD 0 (TD	
C90		1-102-824-00	CERAMIC	470PF	5%	50V			<trimmer></trimmer>	
C90	12	1-102-824-00	CERAMIC	470PF	5%	50V	CT55	1 404 901 11	TDAD CEDAMIC	
C12	001	1-125-804-51	ELECT	100MF	20%	16V	C133	1-404-801-11	TRAP, CERAMIC	
C12		1-136-165-00	FILM	0.1MF	5%	50V				
C12		1-136-165-00	FILM	0.1MF	5%	50V			<diode></diode>	
C12		1-125-804-51	ELECT	100MF	20%	16V			51025	
C12		1-136-165-00	FILM	0.1MF	5%	50V	D001	8-719-109-81	DIODE RD4.7ESB2	
							D002	8-719-911-19	DIODE 1SS119-25	
C12	206	1-136-165-00	FILM	0.1MF	5%	50V	D003	8-719-911-19	DIODE 1SS119-25	
C12	210	1-125-804-51	ELECT	100MF	20%	16V	D005	8-719-109-84	DIODE RD5.1ESB1	
C12	213	1-126-960-11	ELECT	1MF	20%	50V	D008	8-719-109-89	DIODE RD5.6ESB2	
C12	214	1-125-797-51	ELECT	10MF	20%	50V				
C12	215	1-102-976-00	CERAMIC	180PF	5%	50V	D103	8-719-016-42	DIODE MC932	
							D251	8-719-911-19	DIODE 1SS119-25	
C12		1-136-173-00	FILM	0.47MF	5%	50V	D252	8-719-016-42	DIODE MC932	
C12		1-125-804-51	ELECT	100MF	20%	16V	D301	8-719-911-19	DIODE 1SS119-25	
C12		1-102-976-00	CERAMIC	180PF	5%	50V	D305	8-719-911-19	DIODE 1SS119-25	
C12		1-136-173-00	FILM	0.47MF	5%	50V	D206	0.710.011.10	DIODE 100110 25	
C12	226	1-125-806-51	ELECT	220MF	20%	16V	D306	8-719-911-19	DIODE 188119-25	
C12	20	1 126 165 00	FILM	0.1ME	50/	50W	D307 D308	8-719-911-19 8-719-109-54	DIODE 1SS119-25 DIODE RD2.2ESB2	
C12	.30	1-136-165-00	(KV-J21MF1AK)	0.1MF	5%	50V	D308 D310	8-719-109-34	DIODE ISS119-25	
C12	50	1-102-124-00	CERAMIC	0.0039MF	10%	50V	D310 D311	8-719-109-54	DIODE RD2.2ESB2	
C12		1-102-124-00	CERAMIC	0.0039MF	10%	50V	D311	0-717-107-34	DIODE RD2.2E3D2	
C15		1-126-968-11	ELECT	100MF	20%	50V	D312	8-719-110-08	DIODE RD8.2ESB2	
							D315	8-719-121-24	DIODE RD9.1ESL	
							D351	8-719-908-03	DIODE GP08D	
			<connector></connector>				D399	8-719-121-24	DIODE RD9.1ESL	
							D401	8-719-911-19	DIODE 1SS119-25	
		1-560-124-00	PLUG, CONNECT	` /	4P					
		1-564-509-11	PLUG, CONNECT				D403	8-719-911-19	DIODE 1SS119-25	
		1-564-505-11	PLUG, CONNECT				D513	8-719-109-84	DIODE RD5.1ESB1	
		1-564-507-11 1-580-843-11	PLUG, CONNECTO				D551	8-719-908-03	DIODE GP08D DIODE 1SS119-25	
CIN	001 "	1-380-843-11	PIN, CONNECTO	R (POWER)			D561 D591	8-719-911-19		
CN	602 *	1-508-786-00	PIN, CONNECTO	R (5MM PITC	'H) 2P		D391	8-719-911-19	DIODE 1SS119-25	
		1-508-786-00	PIN, CONNECTOR	*	,		D601	8-719-510-53	DIODE D4SB60L	
CN		1-695-915-11	TAB (CONTACT)	(0.71171 1110	/		D604	8-719-301-64	DIODE RU4DS	
CN		1-695-915-11	TAB (CONTACT)				D605	8-719-067-18	DIODE RN4Z	
CN		1-695-915-11	TAB (CONTACT)				D606	8-719-510-73	DIODE S3L20UF4	
			. ,				D607	8-719-510-26	DIODE D1NL20-TA	
CN	607	1-695-915-11	TAB (CONTACT)							
CN		1-564-506-11	PLUG, CONNECT	OR 3P			D609	8-719-510-26	DIODE D1NL20-TA	
CN	609 *	1-564-506-11	PLUG, CONNECT	OR 3P			D610	8-719-510-26	DIODE D1NL20-TA	
CN		1-695-915-11	TAB (CONTACT)				D611	8-719-510-26	DIODE D1NL20-TA	
CN	613	1-695-915-11	TAB (CONTACT)				D801	8-719-945-80	DIODE ERC06-15S	
CNI	c1.1	1 (05 015 11	TAD (CONTACT)				D802	8-719-900-26	DIODE ERD29-08J	
CN		1-695-915-11	TAB (CONTACT)				D051	9 710 202 42	DIODE EL 17	
CN		1-695-915-11	TAB (CONTACT)	D (5MM DITC	TLI) AD		D851	8-719-302-43	DIODE PCD02 17EL 6422	
CIN	0.01	1-508-766-00	PIN, CONNECTO	K (JIVIIVI PII)	.11) 4P		D852 D853	8-719-028-72 8-719-302-43	DIODE RGP02-17EL-6433 DIODE EL1Z	
							D855	8-719-302-43	DIODE EL1Z	
			<filter></filter>				D857	8-719-908-03	DIODE GP08D	
								, , , , , , , , , , , , , , , ,		
CF5	55	1-567-099-00	FILTER, CERAMI	C (KV-J21MI	F1AK)		D858	8-719-908-03	DIODE GP08D	
							D860	8-719-911-19	DIODE 1SS119-25	
							D901	8-719-054-60	DIODE LNK0220022G	
							D1201	8-719-121-24	DIODE RD9.1ESL	
							D1202	8-719-121-24	DIODE RD9.1ESL	

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
D1203 D1207 D1208	8-719-121-24 8-719-121-24 8-719-121-24	DIODE RD9.1ESL DIODE RD9.1ESL DIODE RD9.1ESL		L101 L301	1-410-470-11 1-408-598-31	INDUCTOR INDUCTOR	10UH 3.9UH
D1504	8-719-911-19	DIODE 1SS119-25		L401	1-410-498-11	INDUCTOR	1.2UH
D1505	8-719-109-81	DIODE RD4.7ESB2		L402	1-410-510-11	INDUCTOR	12UH
				L406	1-410-507-11	INDUCTOR	6.8UH
		<fuse></fuse>		L410 L802	1-410-501-51	INDUCTOR	2.2UH
		<puse></puse>		L002	1-412-527-11	INDUCTOR	15UH
F601 △	1-532-237-11	FUSE, TIME-LAG (I	BET) 3.15A/250V	L804	1-459-075-00	INDUCTOR	0UH
		,	,	L805	1-459-769-13	COIL, HORIZONT	TAL LINEARITY
				L807	1-459-390-00	INDUCTOR	0UH
		<ferrite bead=""></ferrite>		L808	1-412-553-11	INDUCTOR	3.3MMH
FB101	1-410-397-21	FERRITE	1.1UH	L821	1-459-111-00	INDUCTOR	0UH
FB102	1-410-397-21		1.1UH	L850	1-408-947-00	INDUCTOR	2.2MMH
FB251			1.1UH				
FB601	1-410-397-21	FERRITE	I.1UH				
FB603	1-410-397-21	FERRITE	1.1UH			<transistor></transistor>	
FB610	1-410-396-41	FERRITE (	).45UH	Q030	8-729-119-78	TRANSISTOR 2SO	C2785 HEE
FB612	1-410-397-21		1.1UH	Q030 Q108	8-729-119-78	TRANSISTOR 2SO	
FB801	1-410-397-21		1.1UH	Q109	8-729-119-78	TRANSISTOR 2SO	
				Q110	8-729-119-78	TRANSISTOR 2SO	
				Q202	8-729-119-76	TRANSISTOR 2SA	A1175-HFE
		<fuse clip=""></fuse>		0207	9 720 110 76	TRANSISTOR 2SA	A 1175 LIEE
FH01	1-533-223-11	CLIP, FUSE		Q207 Q208	8-729-119-76 8-729-030-02	TRANSISTOR 257	
FH02	1-533-223-11	CLIP, FUSE		Q209	8-729-029-92	TRANSISTOR DT	
				Q210	8-729-029-92	TRANSISTOR DT	C143ESA
				Q301	8-729-029-66	TRANSISTOR DT	C114ESA
		<ic></ic>		0202	0 720 110 70	TD A NEIGTOD 200	22705 HEE
IC001	8-752-889-58	IC CXP85220A-0558	(KV-I21MF1AK)	Q302 Q303	8-729-119-78 8-729-119-78	TRANSISTOR 2SO TRANSISTOR 2SO	
IC001	8-752-893-68	IC CXP85224A-0628		Q401	8-729-119-78		C2785-HFE (KV-J21MN1AK)
IC002	8-759-805-37	IC L78LR05D-MA	,	Q402	8-729-922-66	TRANSISTOR 2SO	
IC003	8-759-370-34	IC ST24C08FB6		Q403	8-729-029-92	TRANSISTOR DT	C143ESA
IC004	8-742-041-12	HYB IC SBX1981-1	1(12)	Q404	8-729-029-92	TRANSISTOR DT	C142ES A
IC102	8-759-157-40	IC UPC574J		Q404 Q406	8-729-029-92	TRANSISTOR DT	
IC203	8-759-336-30	IC TA8223K		Q408	8-729-119-78	TRANSISTOR 2SO	
IC300	8-759-365-26	IC TDA8375A		Q409	8-729-119-76	TRANSISTOR 2SA	A1175-HFE
IC351	8-759-288-85	IC TDA4665T-T		Q414	8-729-119-78	TRANSISTOR 2SO	C2785-HFE
IC354	8-759-251-56	IC TDA8395T		0417	9 720 020 02	TRANSISTOR DT	VC142ES A
IC521	8-759-195-63	IC PQ09RE11		Q417 Q561	8-729-029-92 8-729-200-17	TRANSISTOR DI	
IC551	8-759-801-98	IC LA7830		Q801	8-729-140-50	TRANSISTOR 2SO	
IC601	8-749-014-00	IC STR-S6707N		Q802	8-729-821-87	TRANSISTOR 2SI	
IC602	8-749-921-89	IC SE115N	2012272	Q821	8-729-209-15	TRANSISTOR 2SI	D2012
IC603 △	8-749-010-64	PHOTO COUPLER I	PC123F2	0002	9 720 020 02	TD A NEIGTOD DT	C144EC A
IC801	8-759-145-58	IC UPC4558C		Q902 Q903	8-729-030-02 8-729-030-02	TRANSISTOR DT TRANSISTOR DT	
IC1203	8-759-701-75	IC NJM7805FA		Q1201	8-729-119-78	TRANSISTOR 250	
IC1210	8-759-145-58	IC UPC4558C		Q1202	8-729-119-78	TRANSISTOR 2SO	
				Q1203	8-729-119-78	TRANSISTOR 2SO	C2785-HFE
		JACE		01204	9 730 110 76	TD ANGICTOD AC	A 1175 LIEE
		<jack></jack>		Q1204 Q1207	8-729-119-76 8-729-119-78	TRANSISTOR 2SA TRANSISTOR 2SA	
J251	1-770-786-11	JACK		Q1208	8-729-119-78	TRANSISTOR 2SO	
J1201	1-770-661-11	JACK BLOCK, PIN	5P	Q1209	8-729-119-78	TRANSISTOR 2SO	C2785-HFE (KV-J21MF1AK)
J1202	1-695-585-11	JACK BLOCK, PIN (	L TYPE) 3P	Q1264	8-729-029-92	TRANSISTOR DT	C143ESA (KV-J21MN1AK)
				Q1265	8-729-029-92	TRANSISTOD DT	C143ESA (KV-J21MN1AK)
		<coil></coil>		Q1265 Q1513	8-729-029-92 8-729-119-78	TRANSISTOR DT	
					, .0		
L001	1-408-397-00		IUH				
L002	1-410-509-51		10UH				
L003	1-408-605-31	INDUCTOR	15UH				

## KV-J21MF1AK/J21MF3 KV-J21MN1AK/J21PF1

RM-883

REF. NO.	PART NO.	DESCRIPTION			REMA	.RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<resistor></resistor>					R180	1-249-409-11	CARBON	220	5%	1/4W
		1125151010					R181	1-249-409-11	CARBON	220	5%	1/4W
R007	1-247-855-31	CARBON	10K	5%	1/4W		R182	1-249-409-11	CARBON	220	5%	1/4W
R008	1-220-958-81	METAL	1K	5%	1/2W		R241	1-249-411-11	CARBON	330	5%	1/4W
R009	1-220-958-81	METAL	1K	5%	1/2W		R242	1-249-411-11	CARBON	330	5%	1/4W
R010	1-220-958-81	METAL	1K	5%	1/2W		10212	1217 111 11	Critibort	330	570	1/ 1 1 1
R012	1-249-401-11	CARBON	47	5%	1/4W		R243	1-247-855-31	CARBON	10K	5%	1/4W
K012	1-247-401-11	CARDON	47	370	1/7 **		R244	1-247-855-31	CARBON	10K	5%	1/4W
D012	1-220-958-81	METAL	1K	5%	1/2W		R245	1-249-426-11	CARBON	5.6K	5%	1/4W
R013												
R014	1-220-958-81	METAL	1K	5%	1/2W		R246	1-249-426-11	CARBON	5.6K	5%	1/4W
R015	1-247-825-31	CARBON	560	5%	1/4W		R247	1-220-959-81	METAL	1.5K	5%	1/2W
R016	1-220-958-81	METAL	1K	5%	1/2W		D240	4 220 070 04	) (TITL )		<b>=</b> 0.	4 (0777
R017	1-220-961-81	METAL	2.2K	5%	1/2W		R248	1-220-959-81	METAL	1.5K	5%	1/2W
							R249	1-220-958-81	METAL	1K	5%	1/2W
R018	1-249-409-11	CARBON	220	5%	1/4W		R250	1-220-958-81	METAL	1K	5%	1/2W
R019	1-247-883-00	CARBON	150K	5%	1/4W		R252	1-249-411-11	CARBON	330	5%	1/4W
R021	1-247-847-31	CARBON	4.7K	5%	1/4W		R253	1-247-855-31	CARBON	10K	5%	1/4W
R025	1-220-961-81	METAL	2.2K	5%	1/2W							
R026	1-220-961-81	METAL	2.2K	5%	1/2W		R254	1-249-389-11	CARBON	4.7	5%	1/4W
							R255	1-249-389-11	CARBON	4.7	5%	1/4W
R027	1-247-847-31	CARBON	4.7K	5%	1/4W		R256	1-249-411-11	CARBON	330	5%	1/4W
R028	1-247-807-31	CARBON	100	5%	1/4W		R264	1-220-963-81	METAL	3.3K	5%	1/2W
R029	1-247-847-31	CARBON	4.7K	5%	1/4W		R265	1-220-963-81	METAL	3.3K	5%	1/2W
R031	1-220-958-81	METAL	1K	5%	1/2W							
R032	1-220-961-81	METAL	2.2K	5%	1/2W		R266	1-249-437-11	CARBON	47K	5%	1/4W
11002	1 220 701 01	(KV-J21MN1AK)	2.211	270	1,2		R303	1-247-807-31	CARBON	100	5%	1/4W
		(11 / 321/11 (17111)					R304	1-247-807-31	CARBON	100	5%	1/4W
R033	1-220-958-81	METAL	1K	5%	1/2W		R305	1-247-807-31	CARBON	100	5%	1/4W
R035	1-220-958-81	METAL	1K	5%	1/2W		R306	1-247-807-31	CARBON	100	5%	1/4W
R035	1-220-958-81	METAL	1K	5%	1/2W		K300	1-247-007-31	CARDON	100	370	1/4 VV
							D207	1 247 907 21	CARRON	100	50/	1 / 4337
R038	1-249-409-11	CARBON	220	5%	1/4W		R307	1-247-807-31	CARBON	100	5%	1/4W
R040	1-249-409-11	CARBON	220	5%	1/4W		R308	1-249-409-11	CARBON	220	5%	1/4W
D044		GIRRON	100		4 / 4***		R309	1-249-409-11	CARBON	220	5%	1/4W
R041	1-247-807-31	CARBON	100	5%	1/4W		R310	1-249-441-11	CARBON	100K	5%	1/4W
R042	1-249-412-11	CARBON	390	5%	1/4W		R311	1-249-430-11	CARBON	12K	5%	1/4W
R045	1-220-961-81	METAL	2.2K	5%	1/2W							
R047	1-247-807-31	CARBON	100	5%	1/4W		R312	1-247-807-31	CARBON	100	5%	1/4W
R048	1-247-807-31	CARBON	100	5%	1/4W		R313	1-220-963-81	METAL	3.3K	5%	1/2W
							R316	1-247-847-31	CARBON	4.7K	5%	1/4W
R053	1-220-961-81	METAL	2.2K	5%	1/2W		R317	1-220-958-81	METAL	1K	5%	1/2W
R054	1-247-855-31	CARBON	10K	5%	1/4W		R318	1-220-978-81	METAL	120K	5%	1/2W
R057	1-220-958-81	METAL	1K	5%	1/2W							
R060	1-249-411-11	CARBON	330	5%	1/4W		R319	1-259-877-11	CARBON	1.2M	5%	1/4W
R061	1-220-961-81	METAL	2.2K	5%	1/2W		R320	1-249-434-11	CARBON	27K	5%	1/4W
							R321	1-215-459-00	METAL	39K	1%	1/4W
R062	1-220-961-81	METAL	2.2K	5%	1/2W		R322	1-249-434-11	CARBON	27K	5%	1/4W
R063	1-220-961-81	METAL	2.2K	5%	1/2W		R326	1-249-424-11	CARBON	3.9K	5%	1/4W
R065	1-249-409-11	CARBON	220	5%	1/4W							
R066	1-249-409-11	CARBON	220	5%	1/4W		R330	1-247-825-31	CARBON	560	5%	1/4W
R068	1-247-807-31	CARBON	100	5%	1/4W		R331	1-247-897-11	CARBON	560K	5%	1/4W
1000	1 21/ 007-31	57 H.D.O.1	100	5 /0	1/7 **		R332	1-249-409-11	CARBON	220	5%	1/4W
R071	1-249-411-11	CARBON	330	5%	1/4W		R334	1-247-823-31	CARBON	470	5%	1/4W 1/4W
R071 R076	1-249-411-11	CARBON	100	5%	1/4W		R335	1-247-825-31	CARBON	10K	5%	1/4W 1/4W
R076 R077	1-247-807-31	CARBON	100				KJJJ	1-247-033-31	CANDON	101	J70	1/4 VV
				5%	1/4W		D226	1 220 061 01	METAI	2.217	50/	1 /0337
R090	1-247-855-31	CARBON	10K	5%	1/4W		R336	1-220-961-81	METAL	2.2K	5%	1/2W
R101	1-247-847-31	CARBON	4.7K	5%	1/4W		R339	1-215-408-00	METAL	300	1%	1/4W
D.1	4 000 0:	) (T) (T)	477		4 /6		R340	1-249-411-11	CARBON	330	5%	1/4W
R102	1-220-958-81	METAL	1K	5%	1/2W		R341	1-220-958-81	METAL	1K	5%	1/2W
R113	1-249-433-11	CARBON	22K	5%	1/4W		R344	1-259-880-11	CARBON	2.2M	5%	1/4W
R114	1-247-823-31	CARBON	470	5%	1/4W							
R115	1-249-433-11	CARBON	22K	5%	1/4W		R351	1-249-393-11	CARBON	10	5%	1/4W
R116	1-249-433-11	CARBON	22K	5%	1/4W		R355	1-249-393-11	CARBON	10	5%	1/4W
							R356	1-220-958-81	METAL	1K	5%	1/2W
R117	1-249-433-11	CARBON	22K	5%	1/4W		R360	1-259-884-11	CARBON	4.7M	5%	1/4W
R118	1-249-433-11	CARBON	22K	5%	1/4W		R401	1-249-435-11	CARBON	33K	5%	1/4W
R119	1-220-960-81	METAL	1.8K	5%	1/2W				(KV-J21MN1AK)			
R120	1-247-891-00	CARBON	330K	5%	1/4W				,			
R131	1-216-464-11	METAL OXIDE	18K	5%	2W	F						
							I					

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK_	REF. NO.	PART NO.	DESCRIPTION			REMA	.RK
R402	1-249-433-11	CARBON	22K	5%	1/4W		R616	1-247-289-00	CARBON	8.2M	5%	1W	
1402	1 247 455 11	(KV-J21MN1AK)	2211	370	1/4 11		R617	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R403	1-220-946-81	METAL	68	5%	1/2W		R618	1-219-134-11	FUSIBLE	0.1	10%	1/4W	•
R404	1-249-410-11	CARBON	270	5%	1/4W		R619	1-219-134-11	FUSIBLE	0.1	10%	1/4W	
101	1 2 17 110 11	(KV-J21MN1AK)	270	570	1/111		R622	1-217-192-21	METAL	0.22	10%	2W	
R406	1-247-847-31	CARBON	4.7K	5%	1/4W		ROZZ	1 217 172 21	METAL	0.22	1070	211	
R407	1-249-424-11	CARBON	3.9K	5%	1/4W		R623	1-247-807-31	CARBON	100	5%	1/4W	
IX+07	1-2-7	CARDON	3.7K	370	1/7***		R624	1-216-446-00	METAL OXIDE	18	5%	2W	F
R408	1-220-960-81	METAL	1.8K	5%	1/2W		R625	1-249-424-11	CARBON	3.9K	5%	1/4W	1
R409	1-247-807-31	CARBON	100	5%	1/4W		R626	1-249-420-11	CARBON	1.8K	5%	1/4W	
R409	1-247-855-31	CARBON	10K	5%	1/4W		R627	1-249-417-11	CARBON	1.6K 1K	5%	1/4W	
R410	1-220-961-81	METAL	2.2K	5%	1/4 W		K027	1-249-417-11	CARDON	IK	370	1/ <b>4 VV</b>	
R411	1-249-427-11	CARBON	6.8K	5%	1/4W		R628	1-249-417-11	CARBON	1K	5%	1/4W	
K412	1-249-427-11	CARBON	0.0K	370	1/4 VV		R629	1-249-399-11	CARBON	33	5%	1/4W	
D 412	1 220 061 91	METAI	2.21/	50/	1/2W		R632						
R413	1-220-961-81	METAL	2.2K	5%				1-249-381-11	CARBON	1	5%	1/4W	Б
R414	1-247-823-31	CARBON	470	5%	1/4W		R636	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R416	1-249-409-11	CARBON	220	5%	1/4W		R801	1-215-920-11	METAL OXIDE	3.3K	5%	3W	F
R419	1-220-958-81	METAL	1K	5%	1/2W		D002	1 240 205 11	CARRON	2.2	50/	1 / 4337	г
R420	1-249-412-11	CARBON	390	5%	1/4W		R802	1-249-385-11	CARBON	2.2	5%	1/4W	F
D 101	1 2 10 100 11	G. DD G.V	220	<b>=</b> 0.	4 / 4***		R803	1-247-839-31	CARBON	2.2K	5%	1/4W	
R421	1-249-409-11	CARBON	220	5%	1/4W		R804	1-249-417-11	CARBON	1K	5%	1/4W	
R424	1-220-961-81	METAL	2.2K	5%	1/2W		R805	1-249-433-11	CARBON	22K	5%	1/4W	_
R425	1-249-412-11	CARBON	390	5%	1/4W		R809	1-247-756-11	CARBON	2.2K	5%	1/2W	F
R426	1-249-407-11	CARBON	150	5%	1/4W								
R429	1-249-412-11	CARBON	390	5%	1/4W		R811	1-216-343-00	METAL OXIDE	0.33	5%	1W	F
							R812	1-215-447-00	METAL	12K	1%	1/4W	
R433	1-249-433-11	CARBON	22K	5%	1/4W		R816	1-249-435-11	CARBON	33K	5%	1/4W	
R434	1-247-823-31	CARBON	470	5%	1/4W		R820	1-249-419-11	CARBON	1.5K	5%	1/4W	
R440	1-249-407-11	CARBON	150	5%	1/4W		R821	1-215-911-11	METAL OXIDE	100	5%	3W	F
R441	1-220-946-81	METAL	68	5%	1/2W								
		(KV-J21MN1AK)					R822	1-216-429-00	METAL OXIDE	270	5%	1W	F
R521	1-249-417-11	CARBON	1K	5%	1/4W		R823	1-249-931-11	CARBON	2.2K	5%	1/4W	F
							R825	1-249-392-11	CARBON	8.2	5%	1/4W	F
R552	1-247-883-00	CARBON	150K	5%	1/4W		R826	1-249-422-11	CARBON	2.7K	5%	1/4W	
R553	1-249-433-11	CARBON	22K	5%	1/4W		R827	1-249-440-11	CARBON	82K	5%	1/4W	
R554	1-102-074-00	CERAMIC	0.001MF	10%	50V								
R555	1-247-855-31	CARBON	10K	5%	1/4W		R828	1-249-424-11	CARBON	3.9K	5%	1/4W	
R556	1-249-417-11	CARBON	1K	5%	1/4W		R829	1-249-419-11	CARBON	1.5K	5%	1/4W	
							R831	1-215-863-11	METAL OXIDE	100	5%	1W	F
R557	1-249-420-11	CARBON	1.8K	5%	1/4W		R832	1-247-839-31	CARBON	2.2K	5%	1/4W	
R561	1-247-839-31	CARBON	2.2K	5%	1/4W		R834	1-247-855-31	CARBON	10K	5%	1/4W	
R562	1-249-419-11	CARBON	1.5K	5%	1/4W	F							
R563	1-260-126-11	CARBON	180K	5%	1/2W		R851	1-249-382-11	CARBON	1.2	5%	1/4W	F
R564	1-249-438-11	CARBON	56K	5%	1/4W		R852	1-249-923-11	CARBON	1K	5%	1/4W	
							R853	1-249-377-11	CARBON	0.47	5%	1/4W	F
R565	1-249-438-11	CARBON	56K	5%	1/4W		R854	1-249-377-11	CARBON	0.47	5%	1/4W	F
R566	1-247-847-31	CARBON	4.7K	5%	1/4W		R855	1-202-818-00	SOLID	1K	20%	1/2W	
R569	1-260-354-71	CARBON	150K	5%	1/2W								
R571	1-249-409-11	CARBON	220	5%	1/4W		R856	1-247-855-31	CARBON	10K	5%	1/4W	
R601	1-202-968-11	CEMENTED	1.2	5%	10W		R857	1-249-438-11	CARBON	56K	5%	1/4W	
							R858	1-216-370-11	METAL OXIDE	1.2	5%	2W	F
R602	1-202-968-11	CEMENTED	1.2	5%	10W		R860	1-247-887-00	CARBON	220K	5%	1/4W	
R606	1-215-915-11	METAL OXIDE	470	5%	3W	F	R881	1-247-825-31	CARBON	560	5%	1/4W	
R610	1-215-924-00	METAL OXIDE	15K	5%	3W	F							
R611	1-202-933-61	FUSIBLE	0.1	10%	1/2W	F	R882	1-249-422-11	CARBON	2.7K	5%	1/4W	
R612	1-249-377-11	CARBON	0.47	5%	1/4W		R883	1-247-903-00	CARBON	1M	5%	1/4W	
		(KV-J21MF1AK)					R895	1-216-349-00	METAL OXIDE	1	5%	1W	F
							R898	1-247-839-31	CARBON	2.2K	5%	1/4W	
R612	1-219-134-11	FUSIBLE	0.1	10%	1/4W		R902	1-247-847-31	CARBON	4.7K	5%	1/4W	
		(KV-J21MN1AK)											
R613	1-249-377-11	CARBON	0.47	5%	1/4W		R904	1-247-847-31	CARBON	4.7K	5%	1/4W	
		(KV-J21MF1AK)					R905	1-220-958-81	METAL	1K	5%	1/2W	
R613	1-219-134-11	FUSIBLE	0.1	10%	1/4W		R906	1-220-958-81	METAL	1K	5%	1/2W	
010		(KV-J21MN1AK)		-0/0	-/ - / /		R907	1-220-960-81	METAL	1.8K	5%	1/2W	
R614	1-215-877-11	METAL OXIDE	22K	5%	1W	F	R908	1-220-960-81	METAL	1.8K	5%	1/2W	
R615	1-249-401-11	CARBON	47	5%	1/4W	•	1.700	> > > > > > > > > > > > > > > > >		11021	2 /0	-/ 11	
11013	. 2 17 TOT 11	S/ II DOI1	**	570	1/ 111		R909	1-220-963-81	METAL	3.3K	5%	1/2W	
							R910	1-220-963-81	METAL	3.3K	5%	1/2W	
							1	- 220 700 01		3.511	2,0	-, - 11	

RM-883

# A (KV-J21MF1AK) A (KV-J21MN1AK)

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

<b>7</b> (1	AV-JZTIVIT	NIAK/	■ (KV-J	21 WI	F3)							
REF. NO.	PART NO.	DESCRIPTION			REMAR	K	REF. NO.	PART NO.	DESCRIPTION			REMARK
R911	1-249-428-11	CARBON	8.2K	5%	1/4W		S904	1-570-577-41	SWITCH, PUSH			
R913	1-247-823-31	CARBON	470	5%	1/4W		S905	1-570-577-41	SWITCH, PUSH			
R914	1-247-823-31	CARBON	470	5%	1/4W				2 01., - 0.0			
R915	1-249-428-11	CARBON	8.2K	5%	1/4W				<spark gap=""></spark>			
R1201	1-249-404-00	CARBON	82	5%	1/4W							
R1202	1-220-958-81	METAL	1K	5%	1/2W		SG801	1-519-422-11	GAP, SPARK			
R1203	1-249-437-11	CARBON	47K	5%	1/4W							
R1204	1-249-437-11	CARBON	47K	5%	1/4W							
									<surface td="" wave<=""><td>E FILTER&gt;</td><td></td><td></td></surface>	E FILTER>		
R1205	1-249-404-00	CARBON	82	5%	1/4W		GTT TT 4.0.4	4.500.554.44	ENTERD GVIDEL OF			
R1206	1-249-437-11	CARBON	47K	5%	1/4W		SWF401	1-760-771-11	FILTER, SURFACE	E WAVE		
R1207	1-249-437-11	CARBON	47K	5%	1/4W							
R1211 R1212	1-220-946-81	METAL	68	5%	1/2W				<transformer< td=""><td>) &lt;</td><td></td><td></td></transformer<>	) <		
K1212	1-220-958-81	METAL	1K	5%	1/2W				< I KAINSFURIVIER	O		
R1213	1-220-958-81	METAL	1K	5%	1/2W		T601 A	1-431-683-11	TRANSFORMER,	CONVERTE	R (SRT)	1
R1213	1-247-895-00	CARBON	470K	5%	1/4W			1-431-383-21	TRANSFORMER,			
R1215	1-247-895-00	CARBON	470K	5%	1/4W		T801	1-437-195-11	TRANSFORMER,			VF.
R1216	1-247-895-00	CARBON	470K	5%	1/4W			1-453-193-21	TRANSFORMER A			
R1217	1-247-823-31	CARBON	470	5%	1/4W		1001	. 1 .00 1,0 21	TIULI (SI OTUILLIU	100 1,1 21 21 2	.011 (1 111	17 (2//1/2011)
111217	12.7 020 01	o.m.bo	., 0	270	27							
R1219	1-247-855-31	CARBON	10K	5%	1/4W				<thermistor></thermistor>			
R1220	1-220-958-81	METAL	1K	5%	1/2W							
R1221	1-247-855-31	CARBON	10K	5%	1/4W		THP6012	1-808-059-31	THERMISTOR, PO	OSITIVE		
R1226	1-220-964-81	METAL	39K	5%	1/2W							
R1227	1-220-964-81	METAL	39K	5%	1/2W							
									<tuner></tuner>			
R1228	1-220-958-81	METAL	1K	5%	1/2W		TT 1101 A	0.500.222.20	TIMED MOODE	A C 401		
R1229	1-247-823-31	CARBON	470	5%	1/4W		TU101 🗥	8-598-323-30	TUNER, VSS BT-A	AG401		
R1230	1-247-855-31	CARBON	10K	5%	1/4W							
R1231	1-220-958-81	METAL	1K	5%	1/2W				CDNCTAL			
R1232	1-249-424-11	CARBON	3.9K	5%	1/4W				<crystal></crystal>			
R1233	1-220-961-81	METAL	2.2K	5%	1/2W		X101	1-577-082-11	VIBRATOR, CERA	AMIC		
R1234	1-220-964-81	METAL	39K	5%	1/2W		X300	1-411-752-11	COIL	TIVIIC		
R1235	1-220-964-81	METAL	39K	5%	1/2W		X358	1-567-505-11	OSCILLATOR, CR	PYSTAL.		
R1239	1-249-389-11	CARBON	4.7	5%	1/4W	F	X443	1-567-504-11	OSCILLATOR, CR			
R1240	1-247-807-31	CARBON	100	5%	1/4W	_	11.10	1 00, 00. 11	obelli ir ori, er			
R1241	1-220-958-81	METAL	1K	5%	1/2W							
R1243	1-247-807-31	CARBON	100	5%	1/4W		*****	*******	******	********	*****	*****
R1246	1-249-411-11	CARBON	330	5%	1/4W							
R1247	1-247-823-31		470	5%	1/4W							
R1248	1-220-958-81	METAL	1K	5%	1/2W		*	A-1298-517-A	A BOARD, COMP		21MF3)	
									*********	*****		
R1249	1-247-823-31	CARBON	470	5%	1/4W			. 4 500 500 44	GOLD TOTAL DR			
R1250	1-247-901-11	CARBON	820K	5%	1/4W			1-580-798-11	CONNECTOR PIN	. ,		
D1051	1 247 001 11	(KV-J21MF1AK)	9201/	<i>50</i> /	1 /4337		7	3-691-950-11	SPACER, P.C.BOA			
R1251	1-247-901-11	CARBON	820K	5%	1/4W			4-382-854-11	SCREW (M3X10),	P, SW (+)		
R1252	1-220-961-81	(KV-J21MF1AK) METAL	2.2K	5%	1/2W							
K1232	1-220-901-01	(KV-J21MF1AK)	2.2K	370	1/ 2 VV				<capacitor></capacitor>			
R1253	1-249-418-11	METAL	1.2K	5%	1/4W				CHILCHOIC			
111200	12.9 .10 11	(KV-J21MF1AK)	11211	270	27		C001	1-102-119-00	CERAMIC	0.0015MF	10%	50V
		,					C002	1-126-965-11	ELECT	22MF	20%	50V
R1513	1-247-855-31	CARBON	10K	5%	1/4W		C003	1-102-973-00	CERAMIC	100PF	5%	50V
R1514	1-247-847-31	CARBON	4.7K	5%	1/4W		C004	1-126-961-11	ELECT	2.2MF	20%	50V
R1515	1-247-807-31	CARBON	100	5%	1/4W		C007	1-126-959-11	ELECT	0.47MF	20%	50V
							C009	1-102-824-00	CERAMIC	470PF	5%	50V
		<switch></switch>					C010	1-136-157-00	FILM	0.022MF	5%	50V
0.01	1 577 100 0	ON HER CALL	A C POWER				C011	1-126-967-11	ELECT	47MF	20%	16V
	1-571-433-31	SWITCH, PUSH (A	,				C012	1-102-973-00	CERAMIC	100PF	5%	50V
S801	1-572-707-11	SWITCH, LEVER					C015	1-101-884-00	CERAMIC	56PF	5%	50V
S901 S902	1-570-577-41 1-570-577-41	SWITCH, PUSH SWITCH, PUSH					C016	1-101-884-00	CERAMIC	56PF	5%	50V
S902 S903	1-570-577-41	SWITCH, PUSH					C016 C017	1-101-884-00	CERAMIC	100PF	5%	50V 50V
5703	1 310 311-41	5 1111 (11, 1 05)				ļ	C017	1 102 /15-00	CLICINIC	10011	J /U	JU 1

A (KV-J21MF3)

										(rvv-	JZ HVIF3)
REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C018	1-102-973-00	CERAMIC	100PF	5%	50V	C247	1-126-942-61	ELECT	1000MF	20%	25V
C021	1-102-074-00	CERAMIC	0.001MF	10%	50V	C253	1-126-933-11	ELECT	100MF	20%	16V
C022	1-102-074-00	CERAMIC	0.001MF	10%	50V	C254	1-136-153-00	FILM	0.01MF	5%	50V
						C255	1-136-153-00	FILM	0.01MF	5%	50V
C023	1-102-074-00	CERAMIC	0.001MF	10%	50V	C257	1-136-165-00	FILM	0.1MF	5%	50V
C024	1-102-074-00	CERAMIC	0.001MF	10%	50V						
C025	1-102-074-00	CERAMIC	0.001MF	10%	50V	C258	1-136-165-00	FILM	0.1MF	5%	50V
C026	1-102-074-00	CERAMIC	0.001MF	10%	50V	C300	1-126-967-11	ELECT	47MF	20%	16V
C027	1-102-074-00	CERAMIC	0.001MF	10%	50V	C304 C305	1-136-165-00	FILM FILM	0.1MF 0.1MF	5% 5%	50V 50V
C034	1-136-165-00	FILM	0.1MF	5%	50V	C305 C306	1-136-165-00 1-136-165-00	FILM	0.1MF 0.1MF	5% 5%	50V 50V
C034 C042	1-102-973-00	CERAMIC	100PF	5%	50V	C300	1-130-103-00	FILM	U.TIVII	370	30 V
C044	1-102-973-00	CERAMIC	100PF	5%	50V	C307	1-136-165-00	FILM	0.1MF	5%	50V
C046	1-102-973-00	CERAMIC	100PF	5%	50V	C308	1-136-165-00	FILM	0.1MF	5%	50V
C048	1-136-165-00	FILM	0.1MF	5%	50V	C309	1-136-165-00	FILM	0.1MF	5%	50V
						C310	1-136-165-00	FILM	0.1MF	5%	50V
C049	1-136-165-00	FILM	0.1MF	5%	50V	C311	1-102-951-00	CERAMIC	15PF	5%	50V
C050	1-126-960-11	ELECT	1MF	20%	50V						
C052	1-136-165-00	FILM	0.1MF	5%	50V	C312	1-102-951-00	CERAMIC	15PF	5%	50V
C053	1-102-074-00	CERAMIC	0.001MF	10%	50V	C313	1-126-933-11	ELECT	100MF	20%	16V
C055	1-126-935-11	ELECT	470MF	20%	16V	C314	1-102-121-00	CERAMIC	0.0022MF	10%	50V
0056	1 102 074 00	CED 11 HC	0.0013.65	100/	5017	C315	1-126-960-11	ELECT	1MF	20%	50V
C056 C057	1-102-074-00 1-102-852-91	CERAMIC CERAMIC	0.001MF 47PF	10% 5%	50V 50V	C316	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C057	1-102-832-91	CERAMIC	4/PF 100PF	5%	50V	C319	1-136-165-00	FILM	0.1MF	5%	50V
C058	1-102-973-00	CERAMIC	100FF 100PF	5%	50V	C319	1-136-165-00	FILM	0.1MF	5%	50V
C060	1-102-973-00	CERAMIC	0.001MF	10%	50V	C320	1-136-165-00	FILM	0.1MF	5%	50V
2000	1 102 07 1 00	CERTIFIC	0.0011111	1070	501	C323	1-101-880-00	CERAMIC	47PF	5%	50V
C061	1-126-961-11	ELECT	2.2MF	20%	50V	C324	1-126-961-11	ELECT	2.2MF	20%	50V
C072	1-126-935-11	ELECT	470MF	20%	16V						
C074	1-102-110-00	CERAMIC	220PF	10%	50V	C325	1-102-947-00	CERAMIC	10PF	0.5PF	50V
C101	1-101-003-00	CERAMIC	0.0047MF		50V	C326	1-102-949-00	CERAMIC	12PF	5%	50V
C102	1-136-165-00	FILM	0.1MF	5%	50V	C327	1-102-947-00	CERAMIC	10PF	0.5PF	
						C328	1-136-165-00	FILM	0.1MF	5%	50V
C105	1-126-934-11	ELECT	220MF	20%	16V	C329	1-130-478-00	MYLAR	0.0039MF	5%	50V
C106	1-126-964-51	ELECT	10MF	20%	50V	G220	1 126 165 00	TH. 3.6	0.13.65	50/	5011
C108	1-126-767-11	ELECT CERAMIC	1000MF 0.0047MF	20%	16V	C330 C331	1-136-165-00	FILM ELECT	0.1MF 10MF	5%	50V 50V
C109 C111	1-102-125-00 1-102-074-00	CERAMIC	0.0047MF 0.001MF	10% 10%	50V 50V	C331	1-126-964-51 1-136-165-00	FILM	0.1MF	20% 5%	50V 50V
CIII	1-102-074-00	CERAMIC	0.0011011	1070	30 V	C332	1-136-165-00	FILM	0.1MF	5%	50V
C114	1-102-973-00	CERAMIC	100PF	5%	50V	C334	1-102-123-00	CERAMIC	0.0033MF	10%	50V
C115	1-102-947-00	CERAMIC	10PF	0.5PF	50V		1 102 120 00	obra mino	0.000001.11	10,0	20.
C116	1-136-165-00	FILM	0.1MF	5%	50V	C335	1-102-973-00	CERAMIC	100PF	5%	50V
C117	1-102-973-00	CERAMIC	100PF	5%	50V	C336	1-126-964-51	ELECT	10MF	20%	50V
C118	1-126-965-11	ELECT	22MF	20%	50V	C337	1-126-933-11	ELECT	100MF	20%	16V
						C339	1-101-361-00	CERAMIC	150PF	5%	50V
C119	1-136-153-00	FILM	0.01MF	5%	50V	C340	1-102-074-00	CERAMIC	0.001MF	10%	50V
C120	1-130-493-00	MYLAR	0.068MF	5%	50V						
C121	1-130-493-00	MYLAR	0.068MF	5%	50V	C341	1-102-973-00	CERAMIC	100PF	5%	50V
C122	1-126-933-11	ELECT	100MF	20%	16V	C342	1-136-165-00	FILM	0.1MF	5%	50V
C124	1-136-165-00	FILM	0.1MF	5%	50V	C344 C349	1-126-964-51 1-126-964-51	ELECT ELECT	10MF 10MF	20% 20%	50V 50V
C125	1-136-165-00	FILM	0.1MF	5%	50V	C349	1-126-967-11	ELECT	47MF	20%	16V
C123	1-102-973-00	CERAMIC	100PF	5%	50V	C330	1-120-707-11	LLLCT	-7 / IVII	2070	10 V
C233	1-126-967-11	ELECT	47MF	20%	16V	C351	1-136-165-00	FILM	0.1MF	5%	50V
C234	1-126-967-11	ELECT	47MF	20%	16V	C352	1-136-169-00	FILM	0.22MF	5%	50V
C235	1-126-933-11	ELECT	100MF	20%	16V	C358	1-136-165-00	FILM	0.1MF	5%	50V
						C359	1-126-933-11	ELECT	100MF	20%	16V
C236	1-126-949-11	ELECT	220MF	20%	35V	C361	1-102-074-00	CERAMIC	0.001MF	10%	50V
C237	1-126-933-11	ELECT	100MF	20%	16V						
C238	1-137-188-51	FILM	0.15MF	5%	50V	C362	1-162-211-31	CERAMIC	33PF	5%	50V
C239	1-126-933-11	ELECT	100MF	20%	16V	C367	1-136-165-00	FILM	0.1MF	5%	50V
C240	1-137-188-51	FILM	0.15MF	5%	50V	C368	1-136-165-00	FILM	0.1MF	5%	50V
C241	1 100 040 01	ELECT	1000145	200/	251/	C369	1-136-165-00	FILM	0.1MF	5% 5%	50V
C241	1-126-942-61	ELECT	1000MF	20%	25V	C370	1-136-165-00	FILM	0.1MF	5%	50V
C242 C243	1-136-153-00 1-126-964-51	FILM ELECT	0.01MF 10MF	5% 20%	50V 50V	C374	1-126-967-11	ELECT	47MF	20%	50V
C243 C244	1-126-964-31	ELECT	1000MF	20%	25V	C374 C375	1-126-967-11	ELECT	47MF	20%	50V
C244 C246	1-120-942-01	ELECT	22MF	20%	25 V 25 V	C402	1-120-907-11	FILM	0.01MF	5%	50V
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REF. N	O. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C403	1-126-968-11	ELECT	100MF	20%	50V	C821	1-104-999-11	MYLAR	0.1MF	10%	200V
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C822	1-136-111-00	FILM	1MF	5%	200V
						C823	1-136-153-00	FILM	0.01MF	5%	50V
C406	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C825	1-107-364-11	MYLAR	0.01MF	10%	200V
C407	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C850	1-126-941-11	ELECT	470MF	20%	25V
C408	1-102-125-00	CERAMIC	0.0047MF	10%	50V						
C410	1-102-961-00	CERAMIC	27PF	5%	50V	C852	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C423	1-102-820-00	CERAMIC	330PF	5%	50V	C853	1-162-318-11	CERAMIC	0.001MF	10%	500V
						C854	1-126-941-11	ELECT	470MF	20%	25V
C501	1-102-228-00	CERAMIC	470PF	10%	500V	C856	1-162-318-11	CERAMIC	0.001MF	10%	500V
C523	1-126-933-11	ELECT	100MF	20%	16V	C857	1-136-159-00	FILM	0.033MF	5%	50V
C548	1-106-220-00	MYLAR	0.1MF	10%	100V						
C551	1-126-948-11	ELECT	100MF	20%	35V	C860	1-102-228-00	CERAMIC	470PF	10%	500V
C552	1-126-948-11	ELECT	100MF	20%	35V	C861	1-107-654-11	ELECT	33MF	20%	250V
						C875	1-128-562-11	ELECT	47MF	20%	100V
C553	1-102-127-00	CERAMIC	0.0068MF	10%	50V	C876	1-107-369-11	MYLAR	0.068MF	10%	100V
C554	1-102-244-00	CERAMIC	220PF	10%	500V	C891	1-102-116-00	CERAMIC	680PF	10%	50V
C555	1-101-804-00	CERAMIC	10PF	5%	500V						
C562	1-126-933-11	ELECT	100MF	20%	16V	C898	1-137-150-11	MYLAR	0.01MF	10%	100V
C602	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C901	1-102-824-00	CERAMIC	470PF	5%	50V
						C902	1-102-824-00	CERAMIC	470PF	5%	50V
C603	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1201	1-126-933-11	ELECT	100MF	20%	16V
C604	1-125-555-11	ELECT(BLOCK)	330MF	20%	400V	C1202	1-136-165-00	FILM	0.1MF	5%	50V
C605	1-161-830-00	CERAMIC	0.0047MF	99%	500V						
C606	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1203	1-136-165-00	FILM	0.1MF	5%	50V
C607	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1204	1-126-933-11	ELECT	100MF	20%	16V
						C1205	1-136-165-00	FILM	0.1MF	5%	50V
C608	1-104-332-11	CERAMIC	470PF	10%	2KV	C1206	1-136-165-00	FILM	0.1MF	5%	50V
C609	1-124-347-00	ELECT	100MF	20%	160V	C1210	1-126-933-11	ELECT	100MF	20%	16V
C610	1-126-943-11	ELECT	2200MF	20%	25V						
C611	₾ 1-164-497-51	CERAMIC	470PF	10%	400V	C1213	1-126-960-11	ELECT	1MF	20%	50V
C612	1-102-228-00	CERAMIC	470PF	10%	500V	C1214	1-126-964-51	ELECT	10MF	20%	50V
						C1215	1-102-976-00	CERAMIC	180PF	5%	50V
C613	1-102-824-00	CERAMIC	470PF	5%	50V	C1216	1-136-173-00	FILM	0.47MF	5%	50V
C614	1-126-943-11	ELECT	2200MF	20%	25V	C1217	1-126-933-11	ELECT	100MF	20%	16V
C616	1-102-228-00	CERAMIC	470PF	10%	500V						
C618	1-102-114-00	CERAMIC	470PF	10%	50V	C1218	1-102-976-00	CERAMIC	180PF	5%	50V
C619	1-162-116-00	CERAMIC	680PF	10%	2KV	C1221	1-136-173-00	FILM	0.47MF	5%	50V
						C1226	1-126-934-11	ELECT	220MF	20%	16V
C621	₾ 1-104-705-51	FILM	0.1MF	20%	250V	C1230	1-136-165-00	FILM	0.1MF	5%	50V
C622	1-107-368-11	MYLAR	0.047MF	99%	200V	C1259	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C623	1-126-934-11	ELECT	220MF	20%	16V						
C624	1-126-767-11	ELECT	1000MF	20%	16V	C1260	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C625	1-102-074-00	CERAMIC	0.001MF	10%	50V	C1513	1-126-968-11	ELECT	100MF	20%	50V
C627	1-162-116-00	CERAMIC	680PF	10%	2KV						
C628	1-102-824-00	CERAMIC	470PF	5%	50V			<filter></filter>			
C630	△ 1-164-497-51	CERAMIC	470PF	10%	400V						
C631	1-161-830-00	CERAMIC	0.0047MF	99%	500V	CF55	1-567-099-00	FILTER, CERAMI	C		
C632	△ 1-164-497-51	CERAMIC	470PF	10%	400V						
C633	1-161-754-00	CERAMIC	0.001MF	10%	3KV			<connector></connector>			
C634	1-102-114-00	CERAMIC	470PF	10%	50V						
C801	1-123-024-21	ELECT	33MF		160V	CN101 *	1-560-124-00	PLUG, CONNECT	OR (2.5MM)	4P	
C802	1-107-364-11	MYLAR	0.01MF	10%	200V	CN103 *	1-564-509-11	PLUG, CONNECT	OR 6P		
C804	1-102-074-00	CERAMIC	0.001MF	10%	50V		1-564-505-11	PLUG, CONNECT	OR 2P		
							1-564-507-11	PLUG, CONNECT	OR 4P		
C805	1-102-244-00	CERAMIC	220PF	10%	500V	CN601 *	1-580-843-11	PIN, CONNECTO			
C806	1-126-960-11	ELECT	1MF	20%	50V				,		
C807	1-136-569-11	FILM	1.2MF	5%	200V	CN602 *	1-508-786-00	PIN, CONNECTO	R (5MM PITO	CH) 2P	
C808	1-129-746-00	FILM	0.039MF	5%	400V	CN603 *	1-508-786-00	PIN, CONNECTO			
C809	1-162-115-00	CERAMIC	330PF	10%	2KV	CN604	1-695-915-11	TAB (CONTACT)		*	
						CN605	1-695-915-11	TAB (CONTACT)			
C810	1-106-365-00	MYLAR	0.0082MF	99%	200V	CN606	1-695-915-11	TAB (CONTACT)			
C811	1-162-318-11	CERAMIC	0.001MF	10%	500V			/			
C812	1-136-081-00	FILM	0.012MF	3%	2KV	CN607	1-695-915-11	TAB (CONTACT)			
C816	1-107-636-11	ELECT	10MF	20%	160V		1-564-506-11	PLUG, CONNECT	OR 3P		
C820	1-161-754-00	CERAMIC	0.001MF	10%	2KV	CN612	1-695-915-11	TAB (CONTACT)			
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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
CN(412	1 605 015 11	TAB (CONTACT)		D853	9 710 202 42	DIODE EL1Z		
CN613 CN614	1-695-915-11 1-695-915-11	TAB (CONTACT)		D855	8-719-302-43 8-719-302-43	DIODE EL1Z		
CD 7 64 F	4 507 047 44	THE CONTRACTO		2055	0.510.000.00	DIODE GROOD		
CN615	1-695-915-11	TAB (CONTACT)		D857	8-719-908-03	DIODE GP08D		
CN851	1-508-766-00	PIN, CONNECTOR (5MM PITCH) 4P		D858	8-719-908-03	DIODE GP08D		
				D860	8-719-911-19	DIODE 1SS119-25		
				D901	8-719-054-60	DIODE LNK022002	22G	
		<composition block="" circuit=""></composition>		D1201	8-719-121-24	DIODE RD9.1ESL		
CP001	1-233-747-11	CIRCUIT BLOCK, COMPOSITION		D1202	8-719-121-24	DIODE RD9.1ESL		
CP002	1-233-749-11	CIRCUIT BLOCK, COMPOSITION		D1203	8-719-121-24	DIODE RD9.1ESL		
CP003	1-233-748-11	CIRCUIT BLOCK, COMPOSITION		D1207	8-719-121-24	DIODE RD9.1ESL		
CP004	1-233-750-11	CIRCUIT BLOCK, COMPOSITION		D1208	8-719-121-24	DIODE RD9.1ESL		
CP005	1-233-749-11	CIRCUIT BLOCK, COMPOSITION		D1504	8-719-911-19	DIODE 1SS119-25		
		JEDIA MED.		D1505	8-719-109-81	DIODE RD4.7ESB2	2	
		<trimmer></trimmer>						
CT55	1-404-801-11	TRAP, CERAMIC				<fuse></fuse>		
				F601 △	1-532-237-11	FUSE, TIME-LAG	(BET) 3.15A/250V	
		<diode></diode>						
D001	8-719-109-81	DIODE RD4.7ESB2				<ferrite bead=""></ferrite>		
D002	8-719-911-19	DIODE 1SS119-25						
D003	8-719-911-19	DIODE 1SS119-25		FB101	1-410-397-21	FERRITE	1.1UH	
D005	8-719-109-84	DIODE RD5.1ESB1		FB102	1-410-397-21	FERRITE	1.1UH	
D008	8-719-109-89	DIODE RD5.6ESB2		FB251	1-410-397-21	FERRITE	1.1UH	
				FB601	1-410-397-21		1.1UH	
D103	8-719-016-42	DIODE MC932		FB603	1-410-397-21	FERRITE	1.1UH	
D251	8-719-911-19	DIODE 1SS119-25						
D252	8-719-016-42	DIODE MC932		FB610	1-410-396-41	FERRITE	0.45UH	
D301	8-719-911-19	DIODE 1SS119-25		FB612	1-410-397-21	FERRITE	1.1UH	
D305	8-719-911-19	DIODE 1SS119-25		FB801	1-410-397-21	FERRITE	1.1UH	
D20.6	0.510.011.10	DIODE 199119 25						
D306	8-719-911-19	DIODE 188119-25				FLIGE OF ID		
D307	8-719-911-19	DIODE 1SS119-25				<fuse clip=""></fuse>		
D308	8-719-109-54	DIODE RD2.2ESB2		F1101	1 522 002 11	OI ID FLICE		
D310	8-719-911-19	DIODE 1SS119-25 DIODE RD2.2ESB2		FH01 FH02	1-533-223-11	CLIP, FUSE		
D311	8-719-109-54	DIODE RD2.2ESB2		FH02	1-533-223-11	CLIP, FUSE		
D312	8-719-110-08	DIODE RD8.2ESB2						
D315	8-719-121-24	DIODE RD9.1ESL				<ic></ic>		
D351	8-719-908-03	DIODE GP08D						
D399	8-719-121-24	DIODE RD9.1ESL		IC001	8-752-889-58	IC CXP85220A-055	SS	
D401	8-719-911-19	DIODE 1SS119-25		IC002	8-759-805-37	IC L78LR05D-MA		
				IC003	8-759-370-33	IC ST24C04FB6		
D402	8-719-911-19	DIODE 1SS119-25		IC004	8-742-041-12	HYB IC SBX1981-1	11(12)	
D403	8-719-911-19	DIODE 1SS119-25		IC102	8-759-157-40	IC UPC574J		
D513	8-719-109-84	DIODE RD5.1ESB1						
D551	8-719-908-03	DIODE GP08D		IC203	8-759-339-60	IC TA8248K		
D561	8-719-911-19	DIODE 1SS119-25		IC300	8-759-365-26	IC TDA8375A		
				IC351	8-759-288-85	IC TDA4665T-T		
D591	8-719-911-19	DIODE 1SS119-25		IC354	8-759-251-56	IC TDA8395T		
D601	8-719-510-53	DIODE D4SB60L		IC401	8-759-800-65	IC LA7910		
D604	8-719-301-64	DIODE RU4DS						
D605	8-719-067-18	DIODE RN4Z		IC521	8-759-195-63	IC PQ09RE11		
D606	8-719-510-73	DIODE S3L20UF4		IC551	8-759-801-98	IC LA7830		
D 205	0.710.710.7	DIODE DANK 20 TO		IC601	8-749-014-00	IC STR-S6707N		
D607	8-719-510-26	DIODE D1NL20-TA		IC602	8-749-921-89	IC SE115N	DC122F2	
D609	8-719-510-26	DIODE DINL20-TA		IC603 △	8-749-010-64	PHOTO COUPLER	PC123F2	
D610	8-719-510-26	DIODE DINL20-TA		TG001	0.750.145.50	IC LIDOUSSOC		
D611	8-719-510-26	DIODE D1NL20-TA		IC801	8-759-145-58	IC UPC4558C		
D801	8-719-945-80	DIODE ERC06-15S		IC1210	8-759-145-58	IC UPC4558C		
D802	8-719-900-26	DIODE ERD29-08J						
D851	8-719-300-20	DIODE EL1Z						
D852	8-719-028-72	DIODE RGP02-17EL-6433						
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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<jack></jack>		Q1207	8-729-119-79	TRANSISTOR 2			
				Q1208	8-729-119-79	TRANSISTOR 2			
J251	1-770-786-11	JACK		Q1209	8-729-119-79	TRANSISTOR 2			
J1201	1-770-661-11	JACK BLOCK, PIN 6P		Q1513	8-729-119-79	TRANSISTOR 2	SC2/85-FEK		
J1202	1-695-585-11	JACK BLOCK, PIN (L TYPE) 3P							
						<resistor></resistor>			
		<coil></coil>				<resistor></resistor>			
		COIL		R007	1-247-855-31	CARBON	10K	5%	1/4W
L001	1-408-397-00	INDUCTOR 1UH		R008	1-249-417-11	CARBON	1K	5%	1/4W
L002	1-410-509-51	INDUCTOR 10UH		R009	1-249-417-11	CARBON	1K	5%	1/4W
L003	1-408-605-31	INDUCTOR 15UH		R010	1-249-417-11	CARBON	1K	5%	1/4W
L101	1-410-470-11	INDUCTOR 10UH		R012	1-249-401-11	CARBON	47	5%	1/4W
L301	1-408-598-31	INDUCTOR 3.9UH							
				R013	1-249-417-11	CARBON	1K	5%	1/4W
L401	1-410-498-11	INDUCTOR 1.2UH		R014	1-249-417-11	CARBON	1K	5%	1/4W
L402	1-410-510-11	INDUCTOR 12UH		R015	1-247-825-31	CARBON	560	5%	1/4W
L406	1-410-507-11	INDUCTOR 6.8UH		R016	1-249-417-11	CARBON	1K	5%	1/4W
L410	1-410-501-51	INDUCTOR 2.2UH		R017	1-247-839-31	CARBON	2.2K	5%	1/4W
L802	1-412-527-11	INDUCTOR 15UH							
				R018	1-249-409-11	CARBON	220	5%	1/4W
L804	1-459-075-00	INDUCTOR 0UH	_	R019	1-247-883-00	CARBON	150K	5%	1/4W
L805	1-459-769-13	COIL, HORIZONTAL LINEARITY	(	R021	1-247-847-31	CARBON	4.7K	5%	1/4W
L807	1-459-390-00	INDUCTOR OUH		R025	1-247-839-31	CARBON	2.2K	5%	1/4W
L808	1-412-553-11	INDUCTOR 3.3MMH		R026	1-247-839-31	CARBON	2.2K	5%	1/4W
L821	1-459-111-00	INDUCTOR 0UH		D027	1-247-847-31	CARBON	4.7K	50/	1/4W
L850	1-408-947-00	INDUCTOR 2.2MMH		R027 R028	1-247-847-31	CARBON	4.7K 100	5% 5%	1/4W 1/4W
Loso	1-400-947-00	INDUCTOR 2.2MINIH		R028 R029	1-247-847-31	CARBON	4.7K	5%	1/4W
				R029 R031	1-247-647-31	CARBON	4.7K 1K	5%	1/4W
		<transistor></transistor>		R033	1-249-417-11	CARBON	1K	5%	1/4W
		TRANSISTOR		ROSS	1-247-417-11	CARBON	1IX	370	1/4 **
Q030	8-729-119-79	TRANSISTOR 2SC2785-FEK		R035	1-249-417-11	CARBON	1K	5%	1/4W
Q108	8-729-119-79	TRANSISTOR 2SC2785-FEK		R036	1-249-417-11	CARBON	1K	5%	1/4W
Q109	8-729-119-79	TRANSISTOR 2SC2785-FEK		R037	1-249-417-11	CARBON	1K	5%	1/4W
Q110	8-729-119-79	TRANSISTOR 2SC2785-FEK		R038	1-249-409-11	CARBON	220	5%	1/4W
Q202	8-729-119-76	TRANSISTOR 2SA1175-HFE		R040	1-249-409-11	CARBON	220	5%	1/4W
Q207	8-729-119-76	TRANSISTOR 2SA1175-HFE		R041	1-247-807-31	CARBON	100	5%	1/4W
Q208	8-729-030-02	TRANSISTOR DTC144ESA		R042	1-249-412-11	CARBON	390	5%	1/4W
Q209	8-729-029-92	TRANSISTOR DTC143ESA		R045	1-247-839-31	CARBON	2.2K	5%	1/4W
Q210	8-729-029-92	TRANSISTOR DTC143ESA		R047	1-247-807-31	CARBON	100	5%	1/4W
Q301	8-729-029-66	TRANSISTOR DTC114ESA		R048	1-247-807-31	CARBON	100	5%	1/4W
Q302	8-729-119-79	TRANSISTOR 2SC2785-FEK		R053	1-247-839-31	CARBON	2.2K	5%	1/4W
Q302 Q303	8-729-119-79	TRANSISTOR 2SC2785-FEK		R054	1-247-855-31	CARBON	2.2K 10K	5%	1/4W
Q402	8-729-922-66	TRANSISTOR 2SC2410SN		R057	1-249-417-11	CARBON	10K	5%	1/4W
Q403	8-729-029-92	TRANSISTOR DTC143ESA		R058	1-247-847-31	CARBON	4.7K	5%	1/4W
Q404	8-729-029-92	TRANSISTOR DTC143ESA		R060	1-249-411-11	CARBON	330	5%	1/4W
Q406	8-729-119-76	TRANSISTOR 2SA1175-HFE		R061	1-247-839-31	CARBON	2.2K	5%	1/4W
Q408	8-729-119-79	TRANSISTOR 2SC2785-FEK		R062	1-247-839-31	CARBON	2.2K	5%	1/4W
Q409	8-729-119-76	TRANSISTOR 2SA1175-HFE		R063	1-247-839-31	CARBON	2.2K	5%	1/4W
Q414	8-729-119-79	TRANSISTOR 2SC2785-FEK		R065	1-249-409-11	CARBON	220	5%	1/4W
Q417	8-729-029-92	TRANSISTOR DTC143ESA		R066	1-249-409-11	CARBON	220	5%	1/4W
0.544	0.720.200.47	TT		D0.00		GIRRON	100		4 / 4777
Q561	8-729-200-17	TRANSISTOR 2SA1091-R		R068	1-247-807-31	CARBON	100	5%	1/4W
Q801	8-729-140-50	TRANSISTOR 2SC3209LK		R071	1-249-411-11	CARBON	330	5%	1/4W
Q802	8-729-821-87 8-729-209-15	TRANSISTOR 2SD1878-CA TRANSISTOR 2SD2012		R076 R077	1-247-807-31 1-247-807-31	CARBON CARBON	100	5%	1/4W
Q821 Q902	8-729-209-15 8-729-030-02	TRANSISTOR 2SD2012 TRANSISTOR DTC144ESA		R077 R090	1-247-807-31	CARBON	100 10K	5% 5%	1/4W 1/4W
Q902	0-127-030-02	TRANSISTOR DTC144E3A		13070	1-2-1-033-31	CARDON	101	J 70	1/ <b>¬</b> ¥¥
Q903	8-729-030-02	TRANSISTOR DTC144ESA		R101	1-247-847-31	CARBON	4.7K	5%	1/4W
Q1201	8-729-119-79	TRANSISTOR 2SC2785-FEK		R102	1-249-417-11	CARBON	1K	5%	1/4W
Q1202	8-729-119-79	TRANSISTOR 2SC2785-FEK		R113	1-249-433-11	CARBON	22K	5%	1/4W
Q1203	8-729-119-79	TRANSISTOR 2SC2785-FEK		R114	1-247-823-31	CARBON	470	5%	1/4W
Q1204	8-729-119-76	TRANSISTOR 2SA1175-HFE		R115	1-249-433-11	CARBON	22K	5%	1/4W

											(rvv-	JZIIV	IIF3)
REF. NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMA	RK
R116	1-249-433-11	CARBON	22K	5%	1/4W		R355	1-249-393-11	CARBON	10	5%	1/4W	
R117	1-249-433-11	CARBON	22K	5%	1/4W		R356	1-249-417-11	CARBON	1K	5%	1/4W	
R118	1-249-433-11	CARBON	22K	5%	1/4W		R360	1-259-884-11	CARBON	4.7M	5%	1/4W	
R119	1-249-420-11	CARBON	1.8K	5%	1/4W								
R120	1-247-891-00	CARBON	330K	5%	1/4W		R403	1-249-403-11	CARBON	68	5%	1/4W	
							R406	1-247-847-31	CARBON	4.7K	5%	1/4W	
R131	1-216-464-11	METAL OXIDE	18K	5%	2W	F	R407	1-249-424-11	CARBON	3.9K	5%	1/4W	
R180	1-249-409-11	CARBON	220	5%	1/4W		R408	1-249-420-11	CARBON	1.8K	5%	1/4W	
R181	1-249-409-11	CARBON	220	5%	1/4W		R409	1-247-807-31	CARBON	100	5%	1/4W	
R182	1-249-409-11 1-249-410-11	CARBON	220 270	5%	1/4W 1/4W		D410	1-247-855-31	CARBON	10K	50/	1/4W	
R240	1-249-410-11	CARBON	270	5%	1/4 W		R410 R411	1-247-839-31	CARBON	2.2K	5% 5%	1/4W	
R242	1-249-410-11	CARBON	270	5%	1/4W		R411	1-249-427-11	CARBON	6.8K	5%	1/4W	
R243	1-247-855-31	CARBON	10K	5%	1/4W		R412 R413	1-247-839-31	CARBON	2.2K	5%	1/4W	
R244	1-247-855-31	CARBON	10K	5%	1/4W		R414	1-247-823-31	CARBON	470	5%	1/4W	
R245	1-249-426-11	CARBON	5.6K	5%	1/4W		10.11	12.7 020 01	or masor v	.,,	270	1,	
R246	1-249-426-11	CARBON	5.6K	5%	1/4W		R416	1-249-409-11	CARBON	220	5%	1/4W	
							R419	1-249-417-11	CARBON	1K	5%	1/4W	
R247	1-249-419-11	CARBON	1.5K	5%	1/4W		R420	1-249-412-11	CARBON	390	5%	1/4W	
R248	1-249-419-11	CARBON	1.5K	5%	1/4W		R421	1-249-409-11	CARBON	220	5%	1/4W	
R249	1-249-417-11	CARBON	1K	5%	1/4W		R424	1-247-839-31	CARBON	2.2K	5%	1/4W	
R250	1-249-417-11	CARBON	1K	5%	1/4W								
R252	1-249-411-11	CARBON	330	5%	1/4W		R425	1-249-412-11	CARBON	390	5%	1/4W	
2050		GIRRON	4077	=0.	4 / 4***		R426	1-249-407-11	CARBON	150	5%	1/4W	
R253	1-247-855-31	CARBON	10K	5%	1/4W		R429	1-249-412-11	CARBON	390	5%	1/4W	
R254 R255	1-249-389-11 1-249-389-11	CARBON CARBON	4.7 4.7	5%	1/4W 1/4W		R433 R434	1-249-433-11 1-247-823-31	CARBON	22K 470	5% 5%	1/4W 1/4W	
R256	1-249-369-11	CARBON	330	5% 5%	1/4W		K434	1-247-623-31	CARBON	470	3%	1/4 VV	
R264	1-249-431-11	CARBON	15K	5%	1/4W		R440	1-249-407-11	CARBON	150	5%	1/4W	
11204	1 247 431 11	CHILDOIN	1310	570	1/-7 **		R521	1-249-417-11	CARBON	1K	5%	1/4W	
R265	1-249-431-11	CARBON	15K	5%	1/4W		R552	1-247-883-00	CARBON	150K	5%	1/4W	
R266	1-249-437-11	CARBON	47K	5%	1/4W		R553	1-249-433-11	CARBON	22K	5%	1/4W	
R303	1-247-807-31	CARBON	100	5%	1/4W		R554	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R304	1-247-807-31	CARBON	100	5%	1/4W								
R305	1-247-807-31	CARBON	100	5%	1/4W		R555	1-247-855-31	CARBON	10K	5%	1/4W	
							R556	1-249-417-11	CARBON	1K	5%	1/4W	
R306	1-247-807-31	CARBON	100	5%	1/4W		R557	1-249-420-11	CARBON	1.8K	5%	1/4W	
R307	1-247-807-31	CARBON	100	5%	1/4W		R561	1-247-839-31	CARBON	2.2K	5%	1/4W	_
R308	1-249-409-11	CARBON	220	5%	1/4W		R562	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R309 R310	1-249-409-11	CARBON	220	5%	1/4W 1/4W		D562	1 260 126 11	CADDON	1001/	50/	1/2W	
K310	1-249-441-11	CARBON	100K	5%	1/4 W		R563 R564	1-260-126-11 1-249-438-11	CARBON CARBON	180K 56K	5% 5%	1/4W	
R311	1-249-430-11	CARBON	12K	5%	1/4W		R565	1-249-438-11	CARBON	56K	5%	1/4W	
R312	1-247-807-31	CARBON	100	5%	1/4W		R566	1-247-847-31	CARBON	4.7K	5%	1/4W	
R313	1-247-843-11	CARBON	3.3K	5%	1/4W		R569	1-260-354-71	CARBON	150K	5%	1/2W	
R316	1-247-847-31	CARBON	4.7K	5%	1/4W						- / -		
R317	1-249-417-11	CARBON	1K	5%	1/4W		R571	1-249-409-11	CARBON	220	5%	1/4W	
							R601	1-202-968-11	CEMENTED	1.2	5%	10W	
R318	1-247-881-00	CARBON	120K	5%	1/4W		R602	1-202-968-11	CEMENTED	1.2	5%	10W	
R319	1-259-877-11	CARBON	1.2M	5%	1/4W		R606	1-215-915-11	METAL OXIDE	470	5%	3W	F
R320	1-249-434-11	CARBON	27K	5%	1/4W		R610	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R321	1-215-459-00	METAL	39K	1%	1/4W		D 444	4 202 022 44	ELIGIBLE	0.4	400/	4 /0777	_
R322	1-249-434-11	CARBON	27K	5%	1/4W		R611	1-202-933-61	FUSIBLE	0.1	10%	1/2W	
D226	1 240 412 11	CARRON	200	E0/	1 /4337		R612	1-249-377-11	CARBON	0.47	5%	1/4W	
R326	1-249-412-11	CARBON	390	5%	1/4W 1/4W		R613	1-249-377-11	CARBON METAL OXIDE	0.47	5%	1/4W 1W	
R330 R331	1-247-825-31 1-247-897-11	CARBON CARBON	560 560K	5% 5%	1/4W		R614 R615	1-215-877-11 1-249-401-11	CARBON	22K 47	5% 5%	1/4W	F
R332	1-247-697-11	CARBON	220	5% 5%	1/4W		K013	1-249-401-11	CARBON	47	370	1/4 VV	
R334	1-247-823-31	CARBON	470	5%	1/4W		R616	1-247-289-00	CARBON	8.2M	5%	1W	
1100 T	1 2 . , 023 31	5.1.1.011		270	-/ 1111		R617	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R335	1-247-855-31	CARBON	10K	5%	1/4W		R618	1-249-377-11	CARBON	0.47	5%	1/4W	
R336	1-247-839-31	CARBON	2.2K	5%	1/4W		R619	1-249-377-11	CARBON	0.47	5%	1/4W	
R339	1-215-408-00	METAL	300	1%	1/4W		R622	1-217-192-21	METAL	0.22	10%	2W	
R340	1-249-410-11	CARBON	270	5%	1/4W								
R341	1-249-417-11	CARBON	1K	5%	1/4W		R623	1-247-807-31	CARBON	100	5%	1/4W	
							R624	1-216-446-00	METAL OXIDE	18	5%	2W	F
R344	1-259-880-11	CARBON	2.2M	5%	1/4W		R625	1-249-424-11	CARBON	3.9K	5%	1/4W	
R351	1-249-393-11	CARBON	10	5%	1/4W		R626	1-249-420-11	CARBON	1.8K	5%	1/4W	
							R627	1-249-417-11	CARBON	1K	5%	1/4W	

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK	REF. NO.	PART NO.	DESCRIPTION			REMAR	RK_
R628	1-249-417-11	CARBON	1K	5%	1/4W		R1207	1-249-437-11	CARBON	47K	5%	1/4W	
R629	1-249-399-11	CARBON	33	5%	1/4W		R1211	1-249-403-11	CARBON	68	5%	1/4W	
R632	1-249-381-11	CARBON	1	5%	1/4W		R1212	1-249-417-11	CARBON	1K	5%	1/4W	
R636	1-215-924-00	METAL OXIDE	15K	5%	3W	F							
R801	1-215-920-11	METAL OXIDE	3.3K	5%	3W	F	R1213	1-249-417-11	CARBON	1K	5%	1/4W	
D000	1 240 205 11	CARRON	2.2	50/	1 / 4557	Б	R1214	1-247-895-00	CARBON	470K	5%	1/4W	
R802	1-249-385-11	CARBON	2.2	5%	1/4W	F	R1215	1-247-895-00	CARBON	470K	5%	1/4W	
R803 R804	1-247-839-31 1-249-417-11	CARBON CARBON	2.2K 1K	5% 5%	1/4W 1/4W		R1216 R1217	1-247-895-00 1-247-823-31	CARBON CARBON	470K 470	5% 5%	1/4W 1/4W	
R805	1-249-417-11	CARBON	22K	5%	1/4W		K1217	1-247-825-31	CARDON	470	3%	1/4 VV	
R809	1-247-756-11	CARBON	2.2K 2.2K	5%	1/4W	F	R1219	1-247-855-31	CARBON	10K	5%	1/4W	
Rooy	1 247 730 11	CHILDOIN	2.21	370	1/2 **	1	R1220	1-249-417-11	CARBON	1K	5%	1/4W	
R811	1-216-343-00	METAL OXIDE	0.33	5%	1W	F	R1221	1-247-855-31	CARBON	10K	5%	1/4W	
R812	1-215-447-00	METAL	12K	1%	1/4W		R1226	1-249-436-11	CARBON	39K	5%	1/4W	
R816	1-249-435-11	CARBON	33K	5%	1/4W		R1227	1-249-436-11	CARBON	39K	5%	1/4W	
R820	1-249-419-11	CARBON	1.5K	5%	1/4W								
R821	1-215-911-11	METAL OXIDE	100	5%	3W	F	R1228	1-249-417-11	CARBON	1K	5%	1/4W	
							R1229	1-247-823-31	CARBON	470	5%	1/4W	
R822	1-216-429-00	METAL OXIDE	270	5%	1W	F	R1230	1-247-855-31	CARBON	10K	5%	1/4W	
R823	1-249-931-11	CARBON	2.2K	5%	1/4W		R1231	1-249-417-11	CARBON	1K	5%	1/4W	
R825	1-249-392-11	CARBON	8.2	5%	1/4W	F	R1232	1-249-424-11	CARBON	3.9K	5%	1/4W	
R826	1-249-422-11	CARBON	2.7K	5%	1/4W		D1000	1 247 920 21	CARRON	2.277	50/	1 /4337	
R827	1-249-440-11	CARBON	82K	5%	1/4W		R1233	1-247-839-31	CARBON	2.2K	5%	1/4W	
R828	1-249-424-11	CARBON	3.9K	5%	1/4W		R1234 R1235	1-249-436-11 1-249-436-11	CARBON CARBON	39K 39K	5% 5%	1/4W 1/4W	
R829	1-249-424-11	CARBON	3.9K 1.5K	5%	1/4W		R1233	1-249-430-11	CARBON	4.7	5% 5%	1/4W 1/4W	F
R831	1-249-419-11	METAL OXIDE	100	5%	1/4 W	F	R1240	1-247-807-31	CARBON	100	5%	1/4W	1.
R832	1-247-839-31	CARBON	2.2K	5%	1/4W	1	K1240	1-247-007-31	CARDON	100	370	1/7***	
R834	1-247-855-31	CARBON	10K	5%	1/4W		R1241	1-249-417-11	CARBON	1K	5%	1/4W	
1100 .	12.7 000 01	CI II II OI (	1011	270	1, 1, 1,		R1243	1-247-807-31	CARBON	100	5%	1/4W	
R851	1-249-382-11	CARBON	1.2	5%	1/4W	F	R1246	1-249-411-11	CARBON	330	5%	1/4W	
R852	1-249-923-11	CARBON	1K	5%	1/4W	F	R1247	1-247-823-31	CARBON	470	5%	1/4W	
R853	1-249-377-11	CARBON	0.47	5%	1/4W	F	R1248	1-249-417-11	CARBON	1K	5%	1/4W	
R854	1-249-377-11	CARBON	0.47	5%	1/4W	F							
R855	1-202-818-00	SOLID	1K	20%	1/2W		R1249	1-247-823-31	CARBON	470	5%	1/4W	
							R1250	1-247-901-11	CARBON	820K	5%	1/4W	
R856	1-247-855-31	CARBON	10K	5%	1/4W		R1251	1-247-901-11	CARBON	820K	5%	1/4W	
R857	1-249-438-11	CARBON	56K	5%	1/4W	-	R1252	1-247-839-31	CARBON	2.2K	5%	1/4W	
R858	1-216-370-11	METAL OXIDE	1.2	5%	2W	F	R1253	1-249-418-11	CARBON	1.2K	5%	1/4W	
R860 R881	1-247-887-00 1-247-825-31	CARBON CARBON	220K 560	5% 5%	1/4W 1/4W		R1513	1-247-855-31	CARBON	10K	5%	1/4W	
K001	1-247-025-31	CARBON	300	370	1/4 VV		R1513	1-247-847-31	CARBON	4.7K	5%	1/4 W	
R882	1-249-422-11	CARBON	2.7K	5%	1/4W		R1515	1-247-807-31	CARBON	100	5%	1/4W	
R883	1-247-903-00	CARBON	1M	5%	1/4W		1015	1217 007 51	Critibory	100	570	1/ 1 11	
R895	1-216-349-00	METAL OXIDE	1	5%	1W	F							
R898	1-247-839-31	CARBON	2.2K	5%	1/4W				<switch></switch>				
R902	1-247-847-31	CARBON	4.7K	5%	1/4W								
								1-571-433-31	SWITCH, PUSH (A	AC POWER)			
R904	1-247-847-31	CARBON	4.7K	5%	1/4W		S801	1-572-707-11	SWITCH, LEVER				
R905	1-249-417-11	CARBON	1K	5%	1/4W		S901	1-570-577-41	SWITCH, PUSH				
R906	1-249-417-11	CARBON	1K	5%	1/4W		S902	1-570-577-41	SWITCH, PUSH				
R907	1-249-420-11 1-249-420-11	CARBON	1.8K 1.8K	5%	1/4W		S903	1-570-577-41	SWITCH, PUSH				
R908	1-249-420-11	CARBON	1.0K	5%	1/4W		S904	1-570-577-41	SWITCH, PUSH				
R909	1-247-843-11	CARBON	3.3K	5%	1/4W		S904 S905	1-570-577-41	SWITCH, PUSH				
R910	1-247-843-11	CARBON	3.3K	5%	1/4W		5703	1 370 377 41	5 7711 C11, 1 C511				
R911	1-249-428-11	CARBON	8.2K	5%	1/4W								
R913	1-247-823-31	CARBON	470	5%	1/4W				<spark gap=""></spark>				
R914	1-247-823-31	CARBON	470	5%	1/4W								
							SG801	1-519-422-11	GAP, SPARK				
R915	1-249-428-11	CARBON	8.2K	5%	1/4W								
R1201	1-249-404-00	CARBON	82	5%	1/4W								
R1202	1-249-417-11	CARBON	1K	5%	1/4W				<surface td="" wave<=""><td>E FILTER&gt;</td><td></td><td></td><td></td></surface>	E FILTER>			
R1203	1-249-437-11	CARBON	47K	5%	1/4W		OTTE 40:	1 760 771 11	DITUDED OF THE	D 337437E			
R1204	1-249-437-11	CARBON	47K	5%	1/4W		SWF401	1-760-771-11	FILTER, SURFAC	E WAVE			
D1205	1 240 404 00	CADDOM	92	50/	1/4337								
R1205 R1206	1-249-404-00 1-249-437-11	CARBON CARBON	82 47K	5% 5%	1/4W 1/4W								
111200	2 217 TJ1-11	O. H.DOIT	1711	270	1/7/11		I						



REF. NO	D. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		`	REMARK
		<transformer< td=""><td></td><td></td><td></td><td>C052</td><td>1-136-165-00</td><td>FILM</td><td>0.1MF</td><td>5%</td><td>50V</td></transformer<>				C052	1-136-165-00	FILM	0.1MF	5%	50V
		< TRANSFORMER				C052	1-102-074-00	CERAMIC	0.001MF	10%	50V
T601	△ 1-429-137-21	TRANSFORMER,	CONVERTE	R (SRT)		C055	1-126-935-11	ELECT	470MF	20%	16V
	△ 1-431-383-21	TRANSFORMER,				C056	1-102-074-00	CERAMIC	0.001MF	10%	50V
T801	1-437-195-11	TRANSFORMER,	HORIZONTA	AL DRI	VE	C057	1-102-852-91	CERAMIC	47PF	5%	50V
T851	△ 1-453-193-21	TRANSFORMER A	SSY, FLYBA	CK (NX	(-1742//M3A)						
						C058	1-102-973-00	CERAMIC	100PF	5%	50V
						C059	1-102-973-00	CERAMIC	100PF	5%	50V
		<thermistor></thermistor>				C060	1-102-074-00	CERAMIC	0.001MF	10%	50V
						C061	1-125-800-51	ELECT	2.2MF	20%	63V
THP60	1.1-808-059-31	THERMISTOR, PO	OSITIVE			C072	1-126-935-11	ELECT	470MF	20%	16V
						0074	1 102 110 00	CED ANG	22000	100/	5017
		THATED.				C074	1-102-110-00	CERAMIC	220PF	10%	50V
		<tuner></tuner>				C101	1-101-003-00	CERAMIC	0.0047MF	50/	50V
TDI 11 0.1	A 0.500.222.20	THE HOLDE	C 401			C102	1-136-165-00	FILM	0.1MF	5%	50V
10101	△ 8-598-323-30	TUNER, VSS BT-A	AG401			C105	1-125-806-51	ELECT	220MF	20%	16V
						C106	1-125-797-51	ELECT	10MF	20%	50V
		<crystal></crystal>				C108	1-125-807-51	ELECT	1000MF	20%	16V
		(CK151AL)				C108	1-102-125-00	CERAMIC	0.0047MF	10%	50V
X101	1-577-082-11	VIBRATOR, CERA	MIC			C109	1-102-123-00	CERAMIC	0.0047WIF	10%	50V
X300	1-411-752-11	COIL	AMIC			C111	1-102-074-00	CERAMIC	100PF	5%	50V
X358	1-567-505-11	OSCILLATOR, CR	VSTAI			C114	1-102-973-00	CERAMIC	100FF	0.5PF	
X443	1-567-504-11	OSCILLATOR, CR				CIII	1-102-947-00	CERAMIC	1011	0.311	30 V
Λ443	1-307-304-11	OSCILLATOR, CR	ISIAL			C116	1-136-165-00	FILM	0.1MF	5%	50V
						C110	1-102-973-00	CERAMIC	100PF	5%	50V
						C117	1-126-965-11	ELECT	22MF	20%	50V
*****	*******	*******	******	*****	*****	C110	1-136-153-00	FILM	0.01MF	5%	50V
						C120	1-130-493-00	MYLAR	0.068MF	5%	50V
						C120	1 130 173 00	WII LA III	0.0001111	570	301
	* A-1298-518-A	A BOARD, COMP	LETE (KV-J2	21PF1)		C121	1-130-493-00	MYLAR	0.068MF	5%	50V
		******		,		C122	1-125-804-51	ELECT	100MF	20%	16V
						C124	1-136-165-00	FILM	0.1MF	5%	50V
	* 1-580-798-11	CONNECTOR PIN	(DY) 6P			C125	1-136-165-00	FILM	0.1MF	5%	50V
	* 3-691-950-11	SPACER, P.C.BOA	. ,			C233	1-125-794-51	ELECT	47MF	20%	16V
	4-382-854-11	SCREW (M3X10),	P, SW (+)								
						C234	1-125-794-51	ELECT	47MF	20%	16V
						C235	1-125-804-51	ELECT	100MF	20%	16V
		<capacitor></capacitor>				C236	1-126-949-11	ELECT	220MF	20%	35V
						C237	1-125-804-51	ELECT	100MF	20%	16V
C001	1-102-119-00	CERAMIC	0.0015MF	10%	50V	C238	1-137-188-51	FILM	0.15MF	5%	50V
C002	1-126-965-11	ELECT	22MF	20%	50V						
C004	1-125-800-51	ELECT	2.2MF	20%	63V	C239	1-125-804-51	ELECT	100MF	20%	16V
C007	1-125-798-51	ELECT	0.47MF	20%	63V	C240	1-137-188-51	FILM	0.15MF	5%	50V
C009	1-102-824-00	CERAMIC	470PF	5%	50V	C241	1-125-813-51	ELECT	1000MF	20%	25V
						C242	1-136-153-00	FILM	0.01MF	5%	50V
C010	1-136-157-00	FILM	0.022MF	5%	50V	C243	1-125-797-51	ELECT	10MF	20%	50V
C011	1-125-794-51	ELECT	47MF	20%	16V	G2.11	1 105 015 51	DI DOT	10003 5	200	2517
C015	1-101-884-00	CERAMIC	56PF	5%	50V	C244	1-125-813-51	ELECT	1000MF	20%	25V
C016	1-101-884-00	CERAMIC	56PF	5%	50V	C246	1-128-551-11	ELECT	22MF	20%	25V
C017	1-102-973-00	CERAMIC	100PF	5%	50V	C247	1-125-813-51	ELECT	1000MF	20%	25V
C010	1 100 070 00	CEDANGC	100DE	E0/	5017	C253	1-125-804-51	ELECT	100MF	20%	16V
C018	1-102-973-00	CERAMIC	100PF	5%	50V	C254	1-136-153-00	FILM	0.01MF	5%	50V
C021	1-102-074-00	CERAMIC	0.001MF	10%	50V	0255	1 126 152 00	EILM	0.013.65	50/	5017
C022	1-102-074-00	CERAMIC	0.001MF	10%	50V	C255	1-136-153-00	FILM	0.01MF	5%	50V
C023	1-102-074-00	CERAMIC	0.001MF	10%	50V	C257	1-136-165-00	FILM	0.1MF	5%	50V
C024	1-102-074-00	CERAMIC	0.001MF	10%	50V	C258	1-136-165-00	FILM	0.1MF	5% 20%	50V
C025	1 102 074 00	CEDAMIC	0.0011/472	100/	50V	C300	1-125-794-51	ELECT FILM	47MF	20%	16V 50V
C025	1-102-074-00	CERAMIC	0.001MF	10%	50V	C304	1-136-165-00	FILM	0.1MF	5% 5%	50V
C026 C027	1-102-074-00	CERAMIC	0.001MF 0.001MF	10% 10%	50V 50V	C305	1-136-165-00	FILM	0.1MF	5%	50V
C027	1-102-074-00 1-136-165-00	CERAMIC FILM	0.001MF 0.1MF	10% 5%	50V 50V	C306	1-136-165-00	FILM	0.1ME	5%	50V
C034 C042			0.1MF 100PF	5% 5%		C306 C307	1-136-165-00	FILM	0.1MF 0.1MF	5% 5%	50V 50V
C042	1-102-973-00	CERAMIC	100FF	J70	50V	C307 C308	1-136-165-00	FILM	0.1MF 0.1MF	5% 5%	50V 50V
C044	1-102-973-00	CERAMIC	100PF	5%	50V	C308 C309	1-136-165-00	FILM	0.1MF	5% 5%	50V 50V
C044 C046	1-102-973-00	CERAMIC	100PF 100PF	5%	50V 50V	C309 C310	1-136-165-00	FILM	0.1MF	5%	50V 50V
C048	1-102-975-00	FILM	0.1MF	5%	50V 50V	C310	1-130-103-00	1 1171/1	O. HVII	J 70	50 V
C048	1-136-165-00	FILM	0.1MF	5%	50V 50V	C311	1-102-951-00	CERAMIC	15PF	5%	50V
C049	1-136-163-00	ELECT	1MF	20%	50V 50V	C311	1-102-951-00	CERAMIC	15PF	5% 5%	50 V 50 V
C030	1-120-700-11	LLLC I	11411.	2070	JU V	C312	1-104-731-00	CLIMINIC	1.711	5 70	JU ¥

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

## A<sub>(KV-J21PF1)</sub>

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		ELECT	100ME	200/			1 161 920 00	CEDAMIC	0.0047ME	000/	
C313	1-125-804-51	ELECT	100MF	20%	16V	C605	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C314	1-102-121-00	CERAMIC	0.0022MF	10%	50V	C606	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C315	1-126-960-11	ELECT	1MF	20%	50V	C607	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C216	1 102 125 00	CERAMIC	0.0047MF	10%	50V	C608 C609	1-104-332-11	CERAMIC ELECT	470PF 100MF	10%	2KV 160V
C316 C319	1-102-125-00 1-136-165-00	FILM	0.0047MF 0.1MF	5%	50V 50V	C009	1-124-347-00	ELECI	TOONIF	20%	100 V
C319 C320	1-136-165-00	FILM	0.1MF	5%	50V	C610	1-126-943-11	ELECT	2200MF	20%	25V
C320 C321	1-136-165-00	FILM	0.1MF	5%	50V 50V		1-120-943-11	CERAMIC	470PF	10%	400V
C323	1-101-880-00	CERAMIC	47PF	5%	50V	C612	1-102-228-00	CERAMIC	470FF	10%	500V
C323	1-101-000-00	CERAMIC	4/11	370	30 V	C613	1-102-228-00	CERAMIC	470PF	5%	50V
C324	1-125-800-51	ELECT	2.2MF	20%	63V	C614	1-126-943-11	ELECT	2200MF	20%	25V
C325	1-102-947-00	CERAMIC	10PF	0.5PF	50V	C014	1 120 743 11	LLLCI	2200111	2070	23 1
C326	1-102-949-00	CERAMIC	12PF	5%	50V	C616	1-102-228-00	CERAMIC	470PF	10%	500V
C327	1-102-947-00	CERAMIC	10PF	0.5PF		C618	1-102-114-00	CERAMIC	470PF	10%	50V
C328	1-136-153-00	FILM	0.01MF	5%	50V	C619	1-162-116-00	CERAMIC	680PF	10%	2KV
							△ 1-104-705-51	FILM	0.1MF	20%	250V
C329	1-130-478-00	MYLAR	0.0039MF	5%	50V	C622	1-107-368-11	MYLAR	0.047MF	99%	200V
C330	1-136-165-00	FILM	0.1MF	5%	50V						
C331	1-125-797-51	ELECT	10MF	20%	50V	C623	1-126-934-11	ELECT	220MF	20%	16V
C332	1-136-165-00	FILM	0.1MF	5%	50V	C624	1-126-767-11	ELECT	1000MF	20%	16V
C333	1-136-165-00	FILM	0.1MF	5%	50V	C625	1-102-074-00	CERAMIC	0.001MF	10%	50V
						C627	1-162-116-00	CERAMIC	680PF	10%	2KV
C334	1-102-123-00	CERAMIC	0.0033MF	10%	50V	C628	1-102-824-00	CERAMIC	470PF	5%	50V
C335	1-102-973-00	CERAMIC	100PF	5%	50V						
C336	1-125-797-51	ELECT	10MF	20%	50V	C630 A	1-164-497-51	CERAMIC	470PF	10%	400V
C337	1-125-804-51	ELECT	100MF	20%	16V	C631	1-161-830-00	CERAMIC	0.0047MF	99%	500V
C339	1-101-361-00	CERAMIC	150PF	5%	50V		1-164-497-51	CERAMIC	470PF	10%	400V
						C633	1-161-754-00	CERAMIC	0.001MF	10%	3KV
C340	1-102-074-00	CERAMIC	0.001MF	10%	50V	C634	1-102-114-00	CERAMIC	470PF	10%	50V
C341	1-102-973-00	CERAMIC	100PF	5%	50V						
C342	1-136-165-00	FILM	0.1MF	5%	50V	C801	1-123-024-21	ELECT	33MF		160V
C344	1-125-797-51	ELECT	10MF	20%	50V	C802	1-107-364-11	MYLAR	0.01MF	10%	200V
C349	1-125-797-51	ELECT	10MF	20%	50V	C804	1-102-074-00	CERAMIC	0.001MF	10%	50V
G250	1 105 004 51	DI DOM	1003.65	200/	1677	C805	1-102-244-00	CERAMIC	220PF	10%	500V
C359	1-125-804-51	ELECT	100MF	20%	16V	C806	1-126-960-11	ELECT	1MF	20%	50V
C361	1-102-074-00	CERAMIC	0.001MF 33PF	10%	50V 50V	C007	1 126 560 11	EILM	1.0ME	£0/	2007/
C362 C367	1-162-211-31	CERAMIC	0.1MF	5% 5%	50V 50V	C807 C808	1-136-569-11	FILM FILM	1.2MF	5% 5%	200V 400V
C368	1-136-165-00	FILM FILM	0.1MF	5% 5%	50V	C809	1-129-746-00 1-162-115-00	CERAMIC	0.039MF 330PF	10%	2KV
C306	1-136-165-00	LILIM	U.HVII	370	30 V	C810	1-102-113-00	MYLAR	0.0082MF	99%	200V
C369	1-136-165-00	FILM	0.1MF	5%	50V	C810	1-162-318-11	CERAMIC	0.0032WIF	10%	500V
C370	1-136-165-00	FILM	0.1MF	5%	50V	Coll	1-102-310-11	CLICAIVIIC	0.0011111	1070	300 V
C374	1-126-967-11	ELECT	47MF	20%	50V	C812	1-136-081-00	FILM	0.012MF	3%	2KV
C375	1-126-967-11	ELECT	47MF	20%	50V	C816	1-107-636-11	ELECT	10MF	20%	160V
C402	1-136-153-00	FILM	0.01MF	5%	50V	C820	1-161-754-00	CERAMIC	0.001MF	10%	2KV
0.02	1 100 100 00	112111	0.011.11	270		C821	1-104-999-11	MYLAR	0.1MF	10%	200V
C403	1-126-968-11	ELECT	100MF	20%	50V	C822	1-136-111-00	FILM	1MF	5%	200V
C405	1-102-125-00	CERAMIC	0.0047MF	10%	50V						
C406	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C823	1-136-153-00	FILM	0.01MF	5%	50V
C407	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C825	1-107-364-11	MYLAR	0.01MF	10%	200V
C408	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C850	1-126-941-11	ELECT	470MF	20%	25V
						C852	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C410	1-102-961-00	CERAMIC	27PF	5%	50V	C853	1-162-318-11	CERAMIC	0.001MF	10%	500V
C411	1-101-888-00	CERAMIC	68PF	5%	50V						
C423	1-102-820-00	CERAMIC	330PF	5%	50V	C854	1-126-941-11	ELECT	470MF	20%	25V
C501	1-102-228-00	CERAMIC	470PF	10%	500V	C856	1-162-318-11	CERAMIC	0.001MF	10%	500V
C523	1-126-933-11	ELECT	100MF	20%	16V	C857	1-136-159-00	FILM	0.033MF	5%	50V
G# 10	1 10 5 220 00		0.43.65	400/	40077	C860	1-102-228-00	CERAMIC	470PF	10%	500V
C548	1-106-220-00	MYLAR	0.1MF	10%	100V	C861	1-107-654-11	ELECT	33MF	20%	250V
C551	1-126-948-11	ELECT	100MF	20%	35V	C075	1 120 572 11	ELECT	471ME	200/	10037
C552	1-126-948-11	ELECT CEP A MIC	100MF	20%	35V 50V	C875	1-128-562-11	ELECT MVI AP	47MF	20%	100V
C553 C554	1-102-127-00	CERAMIC	0.0068MF 220PF	10% 10%	50V 500V	C876 C891	1-107-369-11 1-102-116-00	MYLAR CERAMIC	0.068MF 680PF	10% 10%	100V 50V
C334	1-102-244-00	CERAMIC	ZZUPF	10%	JUU V	C891 C898	1-102-116-00	MYLAR	0.01MF	10%	50V 100V
C555	1-101-804-00	CERAMIC	10PF	5%	500V	C898 C901	1-137-130-11	CERAMIC	470PF	5%	50V
C562	1-101-804-00	ELECT	100MF	20%	16V	2701	1 102-024-00	CLIMINIC	7/011	J /U	JU 1
C602	1-120-933-11	CERAMIC	0.0047MF	99%	500V	C902	1-102-824-00	CERAMIC	470PF	5%	50V
C603	1-161-830-00	CERAMIC	0.0047MF	99%	500V	C1201	1-125-804-51	ELECT	100MF	20%	16V
C604	1-117-752-11	ELECT(BLOCK)	330MF	20%	450V	C1201	1-136-165-00	FILM	0.1MF	5%	50V
-001		(DDOON)		_0,0		2.202	50 100 00			270	

RN

**A** (KV-J21PF1)

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1203	1-136-165-00	FILM	0.1MF	5%	50V	D103	8-719-016-42	DIODE MC932	
C1204	1-125-804-51	ELECT	100MF	20%	16V	D251	8-719-911-19	DIODE 1SS119-25	
						D252	8-719-016-42	DIODE MC932	
C1205	1-136-165-00	FILM	0.1MF	5%	50V	D301	8-719-911-19	DIODE 188119-25	
C1206	1-136-165-00	FILM	0.1MF	5%	50V	D305	8-719-911-19	DIODE 1SS119-25	
C1210	1-125-804-51	ELECT	100MF	20%	16V	D306	8-719-911-19	DIODE 1SS119-25	
C1213 C1214	1-126-960-11	ELECT	1MF	20% 20%	50V 50V	D306 D307	8-719-911-19	DIODE 1SS119-25 DIODE 1SS119-25	
C1214	1-125-797-51	ELECT	10MF	20%	30 V	D307	8-719-109-54	DIODE RD2.2ESB2	
C1215	1-102-976-00	CERAMIC	180PF	5%	50V	D310	8-719-911-19	DIODE 1SS119-25	
C1216	1-136-173-00	FILM	0.47MF	5%	50V	D311	8-719-109-54	DIODE RD2.2ESB2	
C1217	1-125-804-51	ELECT	100MF	20%	16V				
C1218	1-102-976-00	CERAMIC	180PF	5%	50V	D312	8-719-110-08	DIODE RD8.2ESB2	
C1221	1-136-173-00	FILM	0.47MF	5%	50V	D315	8-719-121-24	DIODE RD9.1ESL	
						D351	8-719-908-03	DIODE GP08D	
C1226	1-125-806-51	ELECT	220MF	20%	16V	D399	8-719-121-24	DIODE RD9.1ESL	
C1230	1-136-165-00	FILM	0.1MF	5%	50V	D403	8-719-911-19	DIODE 1SS119-25	
C1259	1-102-127-00	CERAMIC	0.0068MF	10%	50V	D512	0.710.100.04	DIODE DD5 1ECD1	
C1260	1-102-127-00	CERAMIC	0.0068MF	10%	50V	D513 D551	8-719-109-84 8-719-908-03	DIODE RD5.1ESB1 DIODE GP08D	
C1513	1-126-968-11	ELECT	100MF	20%	50V	D551 D561	8-719-908-03	DIODE GF06D DIODE 1SS119-25	
						D501 D591	8-719-911-19	DIODE 1SS119-25	
		<filter></filter>				D601	8-719-510-53	DIODE D4SB60L	
		VILILIO							
CF55	1-567-099-00	FILTER, CERAMIO	C			D604	8-719-301-64	DIODE RU4DS	
						D605	8-719-510-73	DIODE S3L20UF4	
						D606	8-719-510-73	DIODE S3L20UF4	
		<connector></connector>				D607	8-719-510-26	DIODE D1NL20-TA	
						D609	8-719-510-26	DIODE D1NL20-TA	
	1-560-124-00	PLUG, CONNECT	. ,	4P		DC10	0.710.510.26	DIODE DIMI 20 TA	
	1-564-509-11	PLUG, CONNECT				D610 D611	8-719-510-26 8-719-510-26	DIODE D1NL20-TA DIODE D1NL20-TA	
	1-564-507-11	PLUG, CONNECTOR				D801	8-719-310-20	DIODE DINE20-1A DIODE ERC06-15S	
	1-580-843-11 1-508-786-00	PIN, CONNECTOR PIN, CONNECTOR		מכ ועי		D802	8-719-900-26	DIODE ERC00-133 DIODE ERD29-08J	
C11002	1-300-700-00	TIIV, CONNECTOR	(SIMIMITITE	.11) 21		D851	8-719-302-43	DIODE EL1Z	
CN603 *	1-508-786-00	PIN, CONNECTOR	R (5MM PITC	CH) 2P					
CN604	1-695-915-11	TAB (CONTACT)	(-	,		D852	8-719-028-72	DIODE RGP02-17EL-	-6433
CN605	1-695-915-11	TAB (CONTACT)				D853	8-719-302-43	DIODE EL1Z	
CN606	1-695-915-11	TAB (CONTACT)				D855	8-719-302-43	DIODE EL1Z	
CN607	1-695-915-11	TAB (CONTACT)				D857	8-719-908-03	DIODE GP08D	
CD 7.610	4 505 045 44	m. p. (20.) m. (20)				D858	8-719-908-03	DIODE GP08D	
CN612	1-695-915-11	TAB (CONTACT)				D860	8-719-911-19	DIODE 1SS119-25	
CN613 CN614	1-695-915-11 1-695-915-11	TAB (CONTACT) TAB (CONTACT)				D800 D901	8-719-911-19	DIODE 133119-23 DIODE LNK02200220	G
	1-695-915-11	TAB (CONTACT)				D1201		DIODE RD9.1ESL	
CN851	1-508-766-00	PIN, CONNECTOR	R (5MM PITC	CH) 4P		D1202	8-719-121-24	DIODE RD9.1ESL	
011001	1 200 700 00	111,0011120101	(0111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		D1203	8-719-121-24	DIODE RD9.1ESL	
		< COMPOSITION (	CIRCUIT BL	OCK>		D1207	8-719-121-24	DIODE RD9.1ESL	
						D1208	8-719-121-24	DIODE RD9.1ESL	
CP001	1-233-747-11	CIRCUIT BLOCK,				D1504	8-719-911-19	DIODE ISS119-25	
CP002	1-233-749-11	CIRCUIT BLOCK,				D1505	8-719-109-81	DIODE RD4.7ESB2	
CP003	1-233-748-11	CIRCUIT BLOCK,							
CP004 CP005	1-233-750-11 1-233-749-11	CIRCUIT BLOCK, CIRCUIT BLOCK,						<fuse></fuse>	
CI 003	1 233 747 11	CIRCUIT BLOCK,	COMI OSIT	1011					
						F601 🛆	1-532-237-11	FUSE, TIME-LAG (B	ET) 3.15A/250V
		<trimmer></trimmer>							
								EEDDIZE DE AD	
CT55	1-404-801-11	TRAP, CERAMIC						<ferrite bead=""></ferrite>	
						FB101	1-410-397-21	FERRITE 1.	1UH
		<diode></diode>				FB102	1-410-397-21		1UH
		21020				FB251	1-410-397-21		1UH
D001	8-719-109-81	DIODE RD4.7ESB	2			FB601	1-410-397-21		1UH
D002	8-719-911-19	DIODE 1SS119-25				FB603	1-410-397-21	FERRITE 1.	1UH
D003	8-719-911-19	DIODE 1SS119-25							
D005	8-719-109-84	DIODE RD5.1ESB				FB610	1-410-396-41		45UH
D008	8-719-109-89	DIODE RD5.6ESB	2			FB612	1-410-397-21		1UH
					_	FB801	1-410-397-21	FERRITE 1.	1UH

# A<sub>(KV-J21PF1)</sub>

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		ZELIGE CLID					TC1 42EC A		
		<fuse clip=""></fuse>		Q210 Q301	8-729-029-92 8-729-029-66	TRANSISTOR D' TRANSISTOR D'			
FH01 FH02	1-533-223-11 1-533-223-11	CLIP, FUSE CLIP, FUSE		Q303	8-729-119-78	TRANSISTOR 25	C2785 HEE		
FH02	1-333-223-11	CLIF, FUSE		Q303 Q402	8-729-922-66	TRANSISTOR 28			
				Q406	8-729-119-76	TRANSISTOR 2S			
		<ic></ic>		Q408	8-729-119-78	TRANSISTOR 25	C2785-HFE		
10001	0.752.000.50	IC CVP05000 L 0550		Q409	8-729-119-76	TRANSISTOR 25	SA1175-HFE		
IC001 IC002	8-752-889-58 8-759-805-37	IC CXP85220A-055S IC L78LR05D-MA		Q414	8-729-119-78	TRANSISTOR 2S	C2785_HEE		
IC002	8-759-370-34	IC ST24C08FB6		Q561	8-729-200-17	TRANSISTOR 28			
IC004	8-742-041-12	HYB IC SBX1981-11(12)		Q801	8-729-140-50	TRANSISTOR 2S			
IC102	8-759-157-40	IC UPC574J		Q802	8-729-821-87	TRANSISTOR 25	SD1878-CA		
10202	9.750.220.60	IC TA 92 49V		Q821	8-729-209-15	TRANSISTOR 25	SD2012		
IC203 IC300	8-759-339-60 8-759-365-26	IC TA8248K IC TDA8375A		Q902	8-729-030-02	TRANSISTOR D	TC144FSA		
IC351	8-759-288-85	IC TDA4665T-T		Q903	8-729-030-02	TRANSISTOR D			
IC521	8-759-195-63	IC PQ09RE11		Q1201	8-729-119-78	TRANSISTOR 2S			
IC551	8-759-801-98	IC LA7830		Q1202	8-729-119-78	TRANSISTOR 25	C2785-HFE		
				Q1203	8-729-119-78	TRANSISTOR 25	SC2785-HFE		
IC601	8-749-014-00	IC STR-S6707N		01204	9 730 110 76	TD ANGIETOD 26	1 A 1 1 7 E LIEE		
IC602	8-749-921-89 \( \) 8-749-010-64	IC SE115N PHOTO COUPLER PC123F2		Q1204 Q1207	8-729-119-76 8-729-119-78	TRANSISTOR 2S			
IC801	8-759-145-58	IC UPC4558C		Q1207 Q1208	8-729-119-78	TRANSISTOR 28			
IC1210	8-759-145-58	IC UPC4558C		Q1209	8-729-119-78	TRANSISTOR 28			
				Q1513	8-729-119-78	TRANSISTOR 25			
		JACIZ							
		<jack></jack>				<resistor></resistor>			
J251	1-770-786-11	JACK							
J1201	1-770-661-11	JACK BLOCK, PIN 6P		R007	1-247-855-31	CARBON	10K	5%	1/4W
J1202	1-695-585-11	JACK BLOCK, PIN (L TYPE) 3P		R008	1-220-958-81	METAL	1K	5%	1/2W
				R010	1-220-958-81	METAL	1K	5%	1/2W
		<coil></coil>		R012 R013	1-249-401-11	CARBON METAL	47 1K	5%	1/4W 1/2W
		(COIL)		KU15	1-220-958-81	METAL	1K	5%	1/2 VV
L001	1-408-397-00	INDUCTOR 1UH		R015	1-247-825-31	CARBON	560	5%	1/4W
L002	1-410-509-51	INDUCTOR 10UH		R016	1-220-958-81	METAL	1K	5%	1/2W
L003	1-408-605-31	INDUCTOR 15UH		R017	1-220-961-81	METAL	2.2K	5%	1/2W
L101	1-410-470-11	INDUCTOR 10UH		R018	1-249-409-11	CARBON	220	5%	1/4W
L301	1-408-598-31	INDUCTOR 3.9UH		R019	1-247-883-00	CARBON	150K	5%	1/4W
L401	1-410-498-11	INDUCTOR 1.2UH		R021	1-247-847-31	CARBON	4.7K	5%	1/4W
L402	1-410-510-11	INDUCTOR 12UH		R025	1-220-961-81	METAL	2.2K	5%	1/2W
L406	1-410-507-11	INDUCTOR 6.8UH		R026	1-220-961-81	METAL	2.2K	5%	1/2W
L410 L802	1-410-501-51 1-412-527-11	INDUCTOR 2.2UH INDUCTOR 15UH		R027 R028	1-247-847-31 1-247-807-31	CARBON CARBON	4.7K 100	5% 5%	1/4W 1/4W
L002	1-412-327-11	INDUCTOR 130H		K026	1-247-007-31	CARBON	100	370	1/4 VV
L804	1-459-075-00	INDUCTOR 0UH		R029	1-247-847-31	CARBON	4.7K	5%	1/4W
L805	1-459-769-13	COIL, HORIZONTAL LINEARITY		R031	1-220-958-81	METAL	1K	5%	1/2W
L807	1-459-390-00	INDUCTOR 0UH		R033	1-220-958-81	METAL	1K	5%	1/2W
L808 L821	1-412-553-11 1-459-111-00	INDUCTOR 3.3MMH INDUCTOR 0UH		R035 R036	1-220-958-81 1-220-958-81	METAL METAL	1K 1K	5%	1/2W 1/2W
L021	1-439-111-00	INDUCTOR OUT		KUSU	1-220-930-01	METAL	IK	5%	1/2 VV
L850	1-408-947-00	INDUCTOR 2.2MMH		R038	1-249-409-11	CARBON	220	5%	1/4W
				R040	1-249-409-11	CARBON	220	5%	1/4W
		ZD ANGICTOD.		R041	1-247-807-31	CARBON	100	5%	1/4W
		<transistor></transistor>		R042 R045	1-249-412-11 1-220-961-81	CARBON METAL	390 2.2K	5% 5%	1/4W 1/2W
Q030	8-729-119-78	TRANSISTOR 2SC2785-HFE		1043	1-220-701-01	WILIAL	2.2IX	J 70	1/ 🚣 <b>YY</b>
Q108	8-729-119-78	TRANSISTOR 2SC2785-HFE		R047	1-247-807-31	CARBON	100	5%	1/4W
Q109	8-729-119-78	TRANSISTOR 2SC2785-HFE		R048	1-247-807-31	CARBON	100	5%	1/4W
Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE		R053	1-220-961-81	METAL	2.2K	5%	1/2W
Q202	8-729-119-76	TRANSISTOR 2SA1175-HFE		R054	1-247-855-31	CARBON	10K	5%	1/4W
Q207	Q 720 110 7C	TDANGICTOD 20 A 1175 HEE		R057	1-220-958-81	METAL	1K	5%	1/2W
Q207 Q208	8-729-119-76 8-729-030-02	TRANSISTOR 2SA1175-HFE TRANSISTOR DTC144ESA		R060	1-249-411-11	CARBON	330	5%	1/4W
Q209	8-729-030-02	TRANSISTOR DTC144ESA TRANSISTOR DTC143ESA		R061	1-220-961-81	METAL	2.2K	5%	1/4W 1/2W
2207	5.2, 02, 72			1001	- ==0 >01 01			270	



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	L	(	REMA	.RK
D062	1 220 061 91	METAL	2.21/	50/	1/2W	D222	1 240 424 11	CARRON	271/	50/	1/4W	
R062 R063	1-220-961-81 1-220-961-81	METAL METAL	2.2K 2.2K	5% 5%	1/2W 1/2W	R322 R326	1-249-434-11 1-249-424-11	CARBON CARBON	27K 3.9K	5% 5%	1/4W 1/4W	
R065	1-249-409-11	CARBON	220	5%	1/4W					- / -	-,	
						R330	1-247-825-31	CARBON	560	5%	1/4W	
R066	1-249-409-11	CARBON	220	5%	1/4W	R331	1-247-897-11	CARBON	560K	5%	1/4W	
R068 R071	1-247-807-31 1-249-411-11	CARBON CARBON	100 330	5% 5%	1/4W 1/4W	R332 R335	1-249-409-11 1-247-855-31	CARBON CARBON	220 10K	5% 5%	1/4W 1/4W	
R076	1-247-807-31	CARBON	100	5%	1/4W	R336	1-220-961-81	METAL	2.2K	5%	1/4W	
R077	1-247-807-31	CARBON	100	5%	1/4W	1650	1 220 701 01		2.211	270	1,2,,	
						R339	1-215-408-00	METAL	300	1%	1/4W	
R090	1-247-855-31	CARBON	10K	5%	1/4W	R340	1-249-411-11	CARBON	330	5%	1/4W	
R101 R102	1-247-847-31 1-220-958-81	CARBON METAL	4.7K 1K	5%	1/4W 1/2W	R341 R344	1-220-958-81 1-259-880-11	METAL CARBON	1K 2.2M	5% 5%	1/2W 1/4W	
R102 R113	1-249-433-11	CARBON	22K	5% 5%	1/2 W 1/4W	R344 R351	1-239-860-11	CARBON	2.2IVI 10	5% 5%	1/4W	
R114	1-247-823-31	CARBON	470	5%	1/4W	1001	1 2 17 373 11	CIMBOIT	10	570	1/ 111	
						R355	1-249-393-11	CARBON	10	5%	1/4W	
R115	1-249-433-11	CARBON	22K	5%	1/4W	R356	1-220-958-81	METAL	1K	5%	1/2W	
R116	1-249-433-11	CARBON	22K	5%	1/4W	R360	1-259-884-11	CARBON	4.7M	5%	1/4W	
R117 R118	1-249-433-11 1-249-433-11	CARBON CARBON	22K 22K	5% 5%	1/4W 1/4W	R403 R406	1-220-946-81 1-247-847-31	METAL CARBON	68 4.7K	5% 5%	1/2W 1/4W	
R119	1-220-960-81	METAL	1.8K	5%	1/4 W 1/2W	K400	1-247-047-31	CARBON	4./K	J 70	1/ <b>4 VV</b>	
	1 220 700 01		1.011	270	1/2 **	R407	1-249-424-11	CARBON	3.9K	5%	1/4W	
R120	1-247-891-00	CARBON	330K	5%	1/4W	R408	1-220-960-81	METAL	1.8K	5%	1/2W	
R131	1-216-464-11	METAL OXIDE	18K	5%	2W F	R409	1-247-807-31	CARBON	100	5%	1/4W	
R180	1-249-409-11	CARBON	220	5%	1/4W	R414	1-247-823-31	CARBON	470	5%	1/4W	
R181 R182	1-249-409-11 1-249-409-11	CARBON CARBON	220 220	5% 5%	1/4W 1/4W	R416	1-249-409-11	CARBON	220	5%	1/4W	
K102	1-247-407-11	CARBON	220	370	1/4 **	R419	1-220-958-81	METAL	1K	5%	1/2W	
R240	1-249-410-11	CARBON	270	5%	1/4W	R420	1-249-412-11	CARBON	390	5%	1/4W	
R242	1-249-410-11	CARBON	270	5%	1/4W	R421	1-249-409-11	CARBON	220	5%	1/4W	
R243	1-247-855-31	CARBON	10K	5%	1/4W	R424	1-220-961-81	METAL	2.2K	5%	1/2W	
R244	1-247-855-31	CARBON	10K	5%	1/4W	R425	1-249-412-11	CARBON	390	5%	1/4W	
R245	1-249-426-11	CARBON	5.6K	5%	1/4W	R426	1-249-407-11	CARBON	150	5%	1/4W	
R246	1-249-426-11	CARBON	5.6K	5%	1/4W	R429	1-249-412-11	CARBON	390	5%	1/4W	
R247	1-220-959-81	METAL	1.5K	5%	1/2W	R433	1-249-433-11	CARBON	22K	5%	1/4W	
R248	1-220-959-81	METAL	1.5K	5%	1/2W	R434	1-247-823-31	CARBON	470	5%	1/4W	
R249	1-220-958-81	METAL	1K	5%	1/2W	R438	1-247-823-31	CARBON	470	5%	1/4W	
R250	1-220-958-81	METAL	1K	5%	1/2W	R440	1-249-407-11	CARBON	150	5%	1/4W	
R252	1-249-411-11	CARBON	330	5%	1/4W	R521	1-249-407-11	CARBON	150 1K	5%	1/4W	
R253	1-247-855-31	CARBON	10K	5%	1/4W	R552	1-247-883-00	CARBON	150K	5%	1/4W	
R254	1-249-389-11	CARBON	4.7	5%	1/4W	R553	1-249-433-11	CARBON	22K	5%	1/4W	
R255	1-249-389-11	CARBON	4.7	5%	1/4W	R554	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R256	1-249-411-11	CARBON	330	5%	1/4W	DEEE	1 247 955 21	CARRON	1017	£0/	1 / 4337	
R264	1-249-431-11	CARBON	15K	5%	1/4W	R555 R556	1-247-855-31 1-249-417-11	CARBON CARBON	10K 1K	5% 5%	1/4W 1/4W	
R265	1-249-431-11	CARBON	15K	5%	1/4W	R557	1-249-420-11	CARBON	1.8K	5%	1/4W	
R266	1-249-437-11	CARBON	47K	5%	1/4W	R561	1-247-839-31	CARBON	2.2K	5%	1/4W	
R303	1-247-807-31	CARBON	100	5%	1/4W	R562	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R304	1-247-807-31	CARBON	100	5%	1/4W	D.7.60	1 2 5 2 1 2 5 1 1	G. PROM	10077	<b>-</b> 0.	4 (0111	
R305	1-247-807-31	CARBON	100	50/	1/4W	R563 R564	1-260-126-11 1-249-438-11	CARBON CARBON	180K 56K	5% 5%	1/2W 1/4W	
R306	1-247-807-31	CARBON	100	5% 5%	1/4 W 1/4 W	R565	1-249-438-11	CARBON	56K	5%	1/4W	
R307	1-247-807-31	CARBON	100	5%	1/4W	R566	1-247-847-31	CARBON	4.7K	5%	1/4W	
R308	1-249-409-11	CARBON	220	5%	1/4W	R569	1-260-354-71	CARBON	150K	5%	1/2W	
R309	1-249-409-11	CARBON	220	5%	1/4W							
D210	1 240 441 11	CARRON	1001/	50/	1 // 1/17	R571	1-249-409-11	CARBON	220	5%	1/4W	
R310 R311	1-249-441-11 1-249-430-11	CARBON CARBON	100K 12K	5% 5%	1/4W 1/4W	R601 R602	1-202-961-11 1-202-961-11	CEMENTED CEMENTED	1.8 1.8	5% 5%	10W 10W	
R311	1-249-430-11	CARBON	12K 100	5% 5%	1/4W 1/4W	R602 R606	1-202-961-11	METAL OXIDE	470	5% 5%	10W 3W	F
R313	1-220-963-81	METAL	3.3K	5%	1/2W	R610	1-215-924-00	METAL OXIDE	15K	5%	3W	F
R318	1-220-978-81	METAL	120K	5%	1/2W							
D215	1.050.055	CARRON	1.03.5	<b>=</b> ~ .	1 /4377	R611	1-202-933-61	FUSIBLE	0.1	10%	1/2W	
R319	1-259-877-11	CARBON	1.2M	5%	1/4W	R612	1-249-377-11	CARBON	0.47	5%	1/4W	
R320 R321	1-249-434-11 1-215-459-00	CARBON METAL	27K 39K	5% 1%	1/4W 1/4W	R613 R614	1-249-377-11 1-215-877-11	CARBON METAL OXIDE	0.47 22K	5% 5%	1/4W 1W	F F
1321	1 41J- <del>1</del> J7-00	MILIME	3/IX	1 /0	1/7 18	R615	1-249-401-11	CARBON	47	5%	1/4W	
						I						

A<sub>(KV-J21PF1)</sub>

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R616	1-247-289-00	CARBON	8.2M	5%	1W		R911	1-249-428-11	CARBON	8.2K	5%	1/4W
R617	1-215-924-00	METAL OXIDE	15K	5%	3W	F	R913	1-247-823-31	CARBON	470	5%	1/4W
R618	1-249-377-11	CARBON	0.47	5%	1/4W		R914	1-247-823-31	CARBON	470	5%	1/4W
R619	1-249-377-11	CARBON	0.47	5%	1/4W	F	D015	1 240 420 11	CARRON	0.017	50/	1 /4777
R622	1-217-192-21	METAL	0.22	10%	2W		R915	1-249-428-11	CARBON	8.2K	5%	1/4W
D622	1-247-807-31	CARBON	100	5%	1/4W		R1201 R1202	1-249-404-00 1-220-958-81	CARBON METAL	82 1K	5% 5%	1/4W 1/2W
R623 R624	1-247-807-31	METAL OXIDE	18	5% 5%	1/4 W 2W	F	R1202 R1203	1-220-958-81	CARBON	47K	5% 5%	1/2 W 1/4W
R625	1-249-424-11	CARBON	3.9K	5%	1/4W	Г	R1203	1-249-437-11	CARBON	47K 47K	5% 5%	1/4 W 1/4W
R626	1-249-420-11	CARBON	1.8K	5%	1/4W		K1204	1-249-437-11	CARDON	4/IX	370	1/ <b>4 vv</b>
R627	1-249-417-11	CARBON	1K	5%	1/4W		R1205	1-249-404-00	CARBON	82	5%	1/4W
1027	1217 117 11	Critibor	111	370	1/ 1 11		R1206	1-249-437-11	CARBON	47K	5%	1/4W
R628	1-249-417-11	CARBON	1K	5%	1/4W		R1207	1-249-437-11	CARBON	47K	5%	1/4W
R629	1-249-399-11	CARBON	33	5%	1/4W		R1211	1-220-946-81	METAL	68	5%	1/2W
R632	1-249-381-11	CARBON	1	5%	1/4W		R1212	1-220-958-81	METAL	1K	5%	1/2W
R636	1-215-924-00	METAL OXIDE	15K	5%	3W	F						
R801	1-215-920-11	METAL OXIDE	3.3K	5%	3W	F	R1213	1-220-958-81	METAL	1K	5%	1/2W
							R1214	1-247-895-00	CARBON	470K	5%	1/4W
R802	1-249-385-11	CARBON	2.2	5%	1/4W	F	R1215	1-247-895-00	CARBON	470K	5%	1/4W
R803	1-247-839-31	CARBON	2.2K	5%	1/4W		R1216	1-247-895-00	CARBON	470K	5%	1/4W
R804	1-249-417-11	CARBON	1K	5%	1/4W		R1217	1-247-823-31	CARBON	470	5%	1/4W
R805	1-249-433-11	CARBON	22K	5%	1/4W	г	D1010	1 247 055 21	CARRON	1017	50/	1 /4337
R809	1-247-756-11	CARBON	2.2K	5%	1/2W	F	R1219	1-247-855-31	CARBON	10K	5%	1/4W
D011	1 216 242 00	METAL OXIDE	0.33	5%	1W	F	R1220 R1221	1-220-958-81 1-247-855-31	METAL CARBON	1K 10K	5% 5%	1/2W 1/4W
R811 R812	1-216-343-00 1-215-447-00	METAL OXIDE	0.55 12K	3% 1%	1/4W	Г	R1221 R1226	1-247-855-51	METAL	39K	5% 5%	1/4 W 1/2W
R816	1-249-435-11	CARBON	33K	5%	1/4W		R1227	1-220-964-81	METAL	39K	5%	1/2W
R820	1-249-419-11	CARBON	1.5K	5%	1/4W		K1227	1-220-704-01	WILIAL	37IX	370	1/2 **
R821	1-215-911-11	METAL OXIDE	100	5%	3W	F	R1228	1-220-958-81	METAL	1K	5%	1/2W
11021	1 210 /11 11		100	0,0	2	•	R1229	1-247-823-31	CARBON	470	5%	1/4W
R822	1-216-429-00	METAL OXIDE	270	5%	1W	F	R1230	1-247-855-31	CARBON	10K	5%	1/4W
R823	1-249-931-11	CARBON	2.2K	5%	1/4W	F	R1231	1-220-958-81	METAL	1K	5%	1/2W
R825	1-249-392-11	CARBON	8.2	5%	1/4W	F	R1232	1-249-424-11	CARBON	3.9K	5%	1/4W
R826	1-249-422-11	CARBON	2.7K	5%	1/4W							
R827	1-249-440-11	CARBON	82K	5%	1/4W		R1233	1-220-961-81	METAL	2.2K	5%	1/2W
							R1234	1-220-964-81	METAL	39K	5%	1/2W
R828	1-249-424-11	CARBON	3.9K	5%	1/4W		R1235	1-220-964-81	METAL	39K	5%	1/2W
R829	1-249-419-11	CARBON	1.5K	5%	1/4W	_	R1239	1-249-389-11	CARBON	4.7	5%	1/4W F
R831	1-215-863-11	METAL OXIDE	100	5%	1W	F	R1240	1-247-807-31	CARBON	100	5%	1/4W
R832 R834	1-247-839-31 1-247-855-31	CARBON CARBON	2.2K 10K	5% 5%	1/4W 1/4W		R1241	1-220-958-81	METAL	1K	5%	1/2W
K654	1-247-655-51	CARDON	10 <b>K</b>	3%	1/4 W		R1241 R1243	1-247-807-31	CARBON	100	5% 5%	1/2 W 1/4W
R851	1-249-382-11	CARBON	1.2	5%	1/4W	E	R1243	1-247-607-31	CARBON	330	5% 5%	1/4 W 1/4W
R852	1-249-923-11	CARBON	1.2 1K	5%	1/4W		R1247	1-247-823-31	CARBON	470	5%	1/4W
R853	1-249-377-11	CARBON	0.47	5%	1/4W		R1248	1-220-958-81	METAL	1K	5%	1/2W
R854	1-249-377-11	CARBON	0.47	5%	1/4W		11210	1 220 )30 01	WE IT IE	111	570	1,2 **
R855	1-202-818-00	SOLID	1K	20%	1/2W		R1249	1-247-823-31	CARBON	470	5%	1/4W
							R1250	1-247-901-11	CARBON	820K	5%	1/4W
R856	1-247-855-31	CARBON	10K	5%	1/4W		R1251	1-247-901-11	CARBON	820K	5%	1/4W
R857	1-249-438-11	CARBON	56K	5%	1/4W		R1252	1-220-961-81	METAL	2.2K	5%	1/2W
R858	1-216-370-11	METAL OXIDE	1.2	5%	2W	F	R1253	1-249-418-11	CARBON	1.2K	5%	1/4W
R860	1-247-887-00	CARBON	220K	5%	1/4W						_	
R881	1-247-825-31	CARBON	560	5%	1/4W		R1513	1-247-855-31	CARBON	10K	5%	1/4W
D002	1 040 400 41	CARROSS	2.517	F.C.	1 / / ***		R1514	1-247-847-31	CARBON	4.7K	5%	1/4W
R882	1-249-422-11	CARBON	2.7K	5%	1/4W		R1515	1-247-807-31	CARBON	100	5%	1/4W
R883	1-247-903-00	CARBON	1M	5%	1/4W	г						
R895 R898	1-216-349-00 1-247-839-31	METAL OXIDE CARBON	1 2.2K	5% 5%	1W 1/4W	F			<switch></switch>			
R898 R902	1-247-839-31	CARBON	2.2K 4.7K	5% 5%	1/4W 1/4W				<palich></palich>			
K702	1-241-041-31	CARDON	4./IX	J 70	1/4 VV		S601 △	1-571-433-31	SWITCH, PUSH (A	AC POWED		
R904	1-247-847-31	CARBON	4.7K	5%	1/4W		S801 ZE	1-572-707-11	SWITCH, FUSH (			
R904 R905	1-247-847-31	METAL	4.7K 1K	5%	1/4 W		S901	1-570-577-41	SWITCH, LEVER SWITCH, PUSH			
R906	1-220-958-81	METAL	1K	5%	1/2W		S902	1-570-577-41	SWITCH, PUSH			
R907	1-220-960-81	METAL	1.8K	5%	1/2W		S903	1-570-577-41	SWITCH, PUSH			
R908	1-220-960-81	METAL	1.8K	5%	1/2W				,			
							S904	1-570-577-41	SWITCH, PUSH			
R909	1-220-963-81	METAL	3.3K	5%	1/2W		S905	1-570-577-41	SWITCH, PUSH			
R910	1-220-963-81	METAL	3.3K	5%	1/2W							
							1					

### **A** (KV-J21PF1) **A**3 (KV-J21MN1AK only)

Signate   Sign	REF.	NO. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
			<spark gap=""></spark>									
CITED   1-577-149-12   SAWF	SG80	01 1-519-422-11	GAP, SPARK									
SWEAKE WAVE FILTER  SWEAKE WAVE FILTER  SWEAKE WAVE FILTER  SWEAKE WAVE FILTER  CREAMING LAST-169-12 SAWF  CREAMING LAST-169-12 S												
C1226				F FII TER>								
C1229			Soldfiel Will	JI ILILIO								
TRANSFORMER	SWF	401 1-577-169-12	SAWF				C1228	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
Class   1-28-157-21   TRANSFORMER   CONVERTE   CRT   Class   1-14-23-440   ELECT   20M   20%   16V   170							C1229	1-126-157-11	ELECT	10MF	20%	16V
Third   1-43-19-51   TRANSFORMER (ONVESTER (SET)   1005   5   1-43-19-51   TRANSFORMER (LINE HITER   1233   1-24-24-00   14-67-95-11   TRANSFORMER (LINE HITER   1233   1-26-95-11   1-64-09-11   1-64			<transformer< td=""><td>&lt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></transformer<>	<>								
Trigon   1-437-195-11   TRANSFORMER   HORZONTAL DRIVE   1-163-005-11   CERAMIC CHIP   0-1004   1-100	T601	A 1 420 127 21	TDANCEODMED	CONVEDTE	D (CDT)							
TROID   1-437-195-11   TRANSFORMER ASSY, FLYBACK   C1234   1-164-004-11   C1236   1-163-005-11   C1236   1-163-0												
THP60						VE	01200	1 120 702 11	22201	0.01.11	2070	
C1236	T851	△ 1-453-193-21	TRANSFORMER.	ASSY, FLYBA	ACK				CERAMIC CHIP		10%	
THERMISTOR												
C1238   1-16-00-11   CRAMIC CHIP   0.1MF   0.0%   25V			THED METOD.									
THORDIAL-1808-089-31   THERMISTOR, POSITIVE			<1HERMISTOR>									
C1239	THP	601 1.808-059-31	THERMISTOR PO	OSITIVE			C1236	1-104-004-11	CERAMIC CIII	0.11411	1070	23 <b>v</b>
TUNIER	2211						C1239	1-126-157-11	ELECT	10MF	20%	16V
C1242   1-104-760-11   CERAMIC CHIP   0.017MF   10%   50V							C1240		CERAMIC CHIP	0.22MF		25V
C1243   1-164-232-11   CERAMIC CHIP   0.01MF   10%   50V			<tuner></tuner>				C1241			47MF	20%	16V
C1244   1-16-232-11   CERAMIC CHIP   0.01MF   10%   50V												
CRAMIC CHIP   O.01MF   10%   50V	TU10	01 🗥 8-598-323-30	TUNER, VSS BT-A	AG401			C1243	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
CRAMIC CHIP   O.01MF   10%   50V							C1244	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C1246			<crystal></crystal>									
Name							C1246		CERAMIC CHIP	15PF	5%	50V
X388   1-567-504-11   OSCILLATOR, CRYSTAL   C1250   1-163-009-11   CERAMIC CHIP   O.001MF   10%   50V   C1251   1-162-995-91   SHORT   O   C1253   1-216-295-91   SHORT   O   C1253   1-216-295-91   SHORT   O   C1254   1-124-234-00   ELECT   20MF   20%   16V   C1255   1-124-584-00   ELECT   20MF   20%   16V   C1255   1-124-584-00   ELECT   CERAMIC CHIP   O.022MF   25V   C1261   1-163-217-10   CERAMIC CHIP   O.022MF   25V   C1261   1-163-211-11   C1258   C1255   1-124-234-10   CERAMIC CHIP   O.022MF   50V   C1260   1-163-017-00   CERAMIC CHIP   O.0047MF   10%   50V   C1264   1-163-211-11   CERAMIC CHIP   0.0097MF   10%   50V   C1268   1-124-234-00   ELECT   20MF   20%   16V   C1269   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-234-00   ELECT   20MF   20%   16V   C1269   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-234-00   ELECT   20MF   20%   16V   C1269   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-234-00   ELECT   20MF   20%   16V   C1269   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-234-00   ELECT   20MF   20%   16V   C1269   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-234-00   ELECT   20MF   20%   16V   C1269   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-584-00   ELECT   100MF   20%   10V   C1261   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1268   1-124-584-00   ELECT   100MF   20%   10V   C1261   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1261   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1261   1-164-004-11   C1264   C1	X101	1-577-082-11	VIBRATOR, CERA	AMIC			C1247	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C1250			COIL				C1248	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C1252   1-216-295-91   SHORT   0   C1254   1-124-234-00   ELECT   22MF   20%   16V   C1254   1-124-234-00   ELECT   100MF   20%   10V   C1255   1-124-584-00   ELECT   100MF   20%   10V   C1256   1-124-584-00   ELECT   100MF   20%   10V   C1257   C1258   1-164-003-11   CERAMIC CHIP   0.01MF   0.014MF   0.014MF   0.014MF   0.014MF   0.014MF   0.014MF   0.0047MF												
C1253	X443	3 1-567-504-11	OSCILLATOR, CR	RYSTAL							10%	50V
C1254   1-124-234-00   ELECT   22MF   20%   16V												
A-1298-553-A   A3 BOARD, COMPLETE (KV-J21MN1AK ONLY)   C1255   1-124-584-00   ELECT   100MF   20%   10V											20%	16V
A-1298-553-A   A3 BOARD, COMPLETE (KV-J21MN1AK ONLY)	****	******	*******	*******	*****	******						
A-1298-553-A   A3 BOARD, COMPLETE (KV-J21MN1AK ONLY)   C1257   1-164-222-11   CERAMIC CHIP   0.022MF   50V												
C1258												
C1260		A-1298-553-A	,	,	21MN1	AK ONLY)						
C1261   1-163-251-11   CERAMIC CHIP   100PF   5% 50V			*****	****							50/	
C1261   1-164-232-11   CERAMIC CHIP   0.01MF   10%   50V   C1264   1-163-251-11   CERAMIC CHIP   100PF   5%   50V   C1202   1-164-004-11   CERAMIC CHIP   0.01MF   10%   25V   C1264   1-163-251-11   CERAMIC CHIP   100PF   5%   50V   C1205   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1266   1-125-794-51   ELECT   22MF   20%   16V   C1206   1-163-251-11   CERAMIC CHIP   0.0047MF   10%   50V   C1266   1-125-794-51   ELECT   47MF   20%   16V   C1207   1-164-232-11   CERAMIC CHIP   0.01MF   10%   50V   C1267   1-164-004-11   CERAMIC CHIP   0.1MF   10%   25V   C1268   1-124-584-00   ELECT   100MF   20%   10V   C1201   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1201   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1210   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   C1211   1-124-584-00   ELECT   100MF   20%   10V   C1212   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-231   CERAMIC CHIP   0.0047MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.0047MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.01MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.01MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.01MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   1-163-017-00   CERAMIC CHIP   0.01MF   10%   50V   CN1201   1-691-109-11   PLUG (L TYPE) 12P   C1214   C144-04-11   CERAMIC CHIP   0.01MF   0.0047MF												
C1201 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1264 1-163-215-11 CERAMIC CHIP 100PF 5% 50V C1265 1-164-04-11 CERAMIC CHIP 0.0047MF 10% 50V C1266 1-125-794-51 ELECT 22MF 20% 16V C1265 1-164-232-11 CERAMIC CHIP 0.0047MF 10% 50V C1266 1-125-794-51 ELECT 47MF 20% 16V C1206 1-163-017-00 CERAMIC CHIP 0.01MF 10% 50V C1266 1-125-794-51 ELECT 47MF 20% 16V C1206 1-163-017-00 CERAMIC CHIP 0.01MF 10% 50V C1266 1-124-234-00 ELECT 100MF 20% 10V C1209 1-163-109-00 CERAMIC CHIP 47PF 5% 50V C1268 1-124-584-00 ELECT 100MF 20% 10V C1210 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1211 1-124-584-00 ELECT 100MF 20% 10V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1216 1-125-798-51 ELECT 4.7MF 20% 63V C1216 1-125-798-51 ELECT 5.047MF 20% 63V C1216 1-125-798-51 ELECT 5.047MF 20% 63V C1216 1-125-798-51 ELECT 4.7MF 20% 63V C1216 1-125-798-51 ELECT 5.047MF 20% 63V C1216 1-125-798							C1201	1 103 231 11	CERT IIVII C CIIII	10011	570	301
C1201			<capacitor></capacitor>				C1262	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1202												
C1205 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1206 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1207 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1208 1-163-083-00 CERAMIC CHIP 1PF 0.25PF 50V C1209 1-163-109-00 CERAMIC CHIP 47PF 59% 50V C1210 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1211 1-124-584-00 ELECT 100MF 20% 10V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V CN1201 8-719-908-03 DIODE GP08D  C1216 1-125-798-51 ELECT 0.47MF 20% 63V CN1201 8-719-908-03 DIODE GP08D  C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V CN1201 1-691-109-11 FERRITE BEAD>  C1218 1-164-004-11 CERAMIC CHIP 0.1MF 10% 50V CN1201 1-412-911-31 FERRITE 0UH												
C1206 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1207 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1208 1-163-083-00 CERAMIC CHIP 1PF 0.25PF 50V C1209 1-163-109-00 CERAMIC CHIP 47PF 5% 50V C1210 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1211 1-124-584-00 ELECT 100MF 20% 10V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1217 1-163-033-91 CERAMIC CHIP 0.002MF 50V C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1218 1-164-004-11 CERAMIC CHIP 0.01MF 10% 50V C121												
C1207 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1268 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V C1268 1-163-083-00 CERAMIC CHIP 1PF 0.25PF 50V C1209 1-163-109-00 CERAMIC CHIP 47PF 5% 50V C1210 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1211 1-124-584-00 ELECT 100MF 20% 10V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V C1218 1-164-232-11 CERAMIC CHIP 0.02MF 50V C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 50V FB1201 1-412-911-31 FERRITE 0UH							C1266	1-125-794-51	ELECT	4/MF	20%	16 V
C1208							C1267	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1209		.,		***************************************								
C1210 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1211 1-124-584-00 ELECT 100MF 20% 10V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V  C1218 1-164-232-11 CERAMIC CHIP 0.022MF 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH	C120	08 1-163-083-00	CERAMIC CHIP	1PF	0.25PI	F 50V						
C1211 1-124-584-00 ELECT 100MF 20% 10V C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V  C1218 1-164-232-11 CERAMIC CHIP 0.02MF 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH												
C1212 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V CN1201 1-691-109-11 PLUG (L TYPE) 12P  C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V  C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH									<connector></connector>			
C1213 1-126-151-11 ELECT 4.7MF 20% 16V C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH							CN1201	1 601 100 11	DI LIC (I TVDE) 1	2D		
C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V D1201 8-719-908-03 DIODE GP08D C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH	C121	12 1-103-017-00	CERAMIC CHIP	0.004/MIF	10%	30 V	CN1201	1-091-109-11	PLUG (L TTPE) T	2 <b>P</b>		
C1214 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C1215 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1216 1-125-798-51 ELECT 0.47MF 20% 63V D1201 8-719-908-03 DIODE GP08D C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH	C121	3 1-126-151-11	ELECT	4.7MF	20%	16V						
C1216 1-125-798-51 ELECT 0.47MF 20% 63V D1201 8-719-908-03 DIODE GP08D  C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V  C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V FERRITE BEAD>  C1219 1-124-584-00 ELECT 100MF 20% 10V  C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH	C121	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V			<diode></diode>			
C1217 1-163-033-91 CERAMIC CHIP 0.022MF 50V  C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH												
C1218 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V <ferrite bead=""> C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH</ferrite>					20%		D1201	8-719-908-03	DIODE GP08D			
C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH	CIZI	1-105-055-91	CEKAMIC CHIP	U.U22MF		3U V						
C1219 1-124-584-00 ELECT 100MF 20% 10V C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH	C121	8 1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V			<ferrite bead<="" td=""><td>&gt;</td><td></td><td></td></ferrite>	>		
C1221 1-164-004-11 CERAMIC CHIP 0.1MF 10% 25V FB1201 1-412-911-31 FERRITE 0UH												
FB1202 1-412-911-31 FERRITE 0UH			CERAMIC CHIP	0.1MF	10%	25V						
							FB1202	1-412-911-31	FERRITE	0UH		

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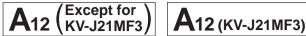
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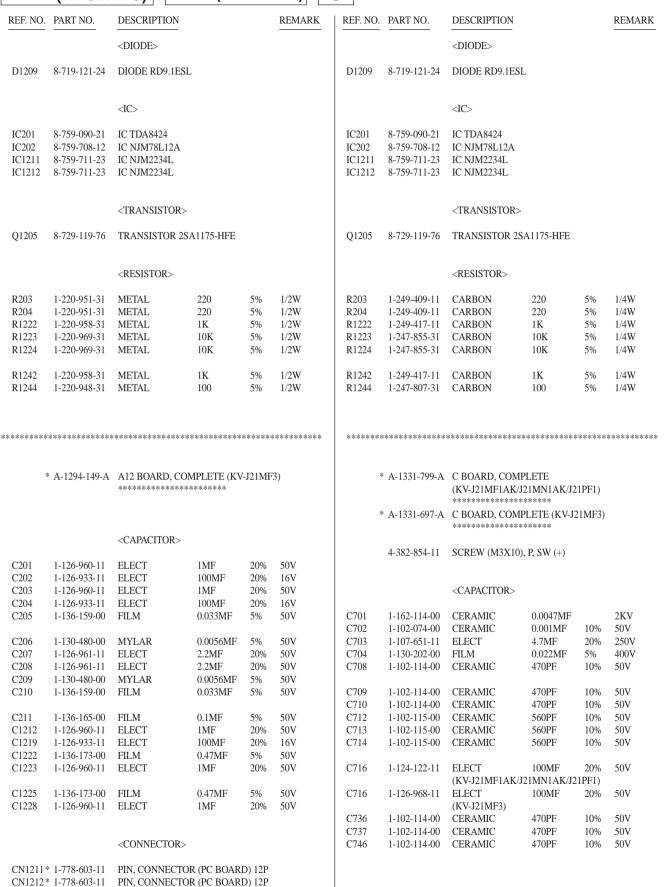
REF. NO.	PART NO.	DESCRIPTION	_		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
FB1203	1-412-911-31	FERRITE	0UH			R1207	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
FB1204	1-412-911-31	FERRITE	0UH			R1209	1-216-035-00	RES,CHIP	270	5%	1/10W
FB1205	1-412-911-31	FERRITE	0UH			R1210	1-216-041-00	RES,CHIP	470	5%	1/10W
ED1206	1 412 011 21	EEDDITE	OLIII			R1211	1-216-015-00	RES,CHIP	39 100K	5%	1/10W
FB1206	1-412-911-31	FERRITE	0UH			R1212	1-216-097-91	RES,CHIP	100K	5%	1/10W
						R1213	1-216-097-91	RES,CHIP	100K	5%	1/10W
		<filter></filter>				R1214	1-216-033-00	RES,CHIP	220	5%	1/10W
FL1201	1-239-803-11	ENCAPSULATED	COMPONEN	ЛТ		R1217 R1218	1-216-073-00 1-216-049-91	RES,CHIP RES,CHIP	10K 1K	5% 5%	1/10W 1/10W
FL1201	1-239-003-11	ENCAFSULATED	COMFONE	N I		R1218	1-216-049-91	RES,CHIP	820	5%	1/10W 1/10W
								,.			
		<ic></ic>				R1220	1-216-049-91	RES,CHIP	1K	5%	1/10W
IC1201	8-752-059-57	IC CXA1110BS				R1223 R1224	1-216-051-00 1-216-059-00	RES,CHIP RES,CHIP	1.2K 2.7K	5% 5%	1/10W 1/10W
IC1201 IC1202	8-759-429-98	IC MSP3410B-PP-	F7			R1224 R1225	1-216-059-00	RES,CHIP	2.7K 2.7K	5%	1/10W 1/10W
IC1203	8-759-231-53	IC TA7805S				R1226	1-216-295-91	SHORT	0		
		<chip conduct<="" td=""><td>YOD.</td><td></td><td></td><td>R1227 R1228</td><td>1-216-295-91</td><td>SHORT</td><td>0 1K</td><td>5%</td><td>1/10W</td></chip>	YOD.			R1227 R1228	1-216-295-91	SHORT	0 1K	5%	1/10W
		CHIF CONDUCT	UK>			R1228	1-216-049-91 1-216-069-00	RES,CHIP RES,CHIP	6.8K	5%	1/10W 1/10W
JR1	1-216-295-91	SHORT	0			R1230	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
JR2	1-216-295-91	SHORT	0			R1231	1-216-049-91	RES,CHIP	1K	5%	1/10W
JR3	1-216-295-91	SHORT	0			D.1000		DEG GVVD	120	<b>-</b> 0.	4 /4 0***
JR4 JR5	1-216-295-91 1-216-295-91	SHORT SHORT	0			R1232 R1233	1-216-027-00 1-216-045-00	RES,CHIP RES,CHIP	120 680	5% 5%	1/10W 1/10W
JKJ	1-210-295-91	SHORI	U			R1233	1-216-045-00	RES.CHIP	680	5%	1/10W 1/10W
JR6	1-216-295-91	SHORT	0			R1240	1-216-041-00	RES,CHIP	470	5%	1/10W
JR7	1-216-295-91	SHORT	0			R1241	1-216-075-00	RES,CHIP	12K	5%	1/10W
JR8	1-216-295-91	SHORT	0			D1040	1 216 027 00	DEC CHID	100	50/	1 /1 0337
JR9 JR10	1-216-295-91 1-216-295-91	SHORT SHORT	0			R1242 R1243	1-216-027-00 1-216-037-00	RES,CHIP RES,CHIP	120 330	5% 5%	1/10W 1/10W
JKIO	1-210-2/5-/1	SHORI	Ü			R1243	1-216-057-00	RES,CHIP	2.7K	5%	1/10W
JR11	1-216-295-91	SHORT	0			R1245	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
						R1246	1-260-306-51	CARBON	15	5%	1/2W
		<coil></coil>									
		(COIL)						<switch></switch>			
L1201	1-408-399-00	INDUCTOR	1.5UH								
L1202	1-412-010-41	INDUCTOR CHIP					1-579-560-11	FILTER, SAWTO			
L1203 L1204	1-408-602-11 1-408-591-11	INDUCTOR INDUCTOR	8.2UH 1UH			SW1202	1-579-559-11	FILTER, SAWTO	JIH WAVE		
L1205	1-408-602-11	INDUCTOR	8.2UH								
								<transforme< td=""><td>?&gt;</td><td></td><td></td></transforme<>	?>		
L1206	1-412-951-11	INDUCTOR	10UH			T1202	1 416 000 11	COIL			
L1207	1-412-951-11	INDUCTOR	10UH			T1202	1-416-000-11	COIL			
		<transistor></transistor>						<crystal></crystal>			
Q1201	8-729-230-49	TRANSISTOR 2SO	~2712-VG			X1201	1-760-094-11	VIBRATOR, CRY	ΣΤΔΙ		
Q1201	8-729-266-92	TRANSISTOR 2SO				711201	1 700 074 11	vibia iron, enti	SIME		
Q1205	8-729-216-22	TRANSISTOR 2SA	A1162-G								
Q1206	8-729-216-22	TRANSISTOR 2SA						*******			
Q1207	8-729-230-49	TRANSISTOR 2SO	C2/12-YG			****	AC A		de ale de	*****	*****
Q1211	8-729-230-49	TRANSISTOR 2SO	C2712-YG								
Q1212	8-729-230-49	TRANSISTOR 2SO									
		<resistor></resistor>									
R1201	1-216-022-00	RES,CHIP	75	5%	1/10W						
R1202 R1203	1-216-085-00 1-216-081-00	RES,CHIP RES,CHIP	33K 22K	5% 5%	1/10W 1/10W						
R1203	1-216-035-00	RES,CHIP	270	5%	1/10W 1/10W						
R1205	1-216-027-00	RES,CHIP	120	5%	1/10W						

A11 A12 (Except for KV-J21MF3)

DEE 1/0	D. DELVO	DEG CD PROVI			DE1 ( ) DI	l per vo	D. DELVO	DEGGREEOUT.	•		, , , , , , , , , , , , , , , , , , ,
REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	* A-1294-197-A	A11 BOARD, COM (KV-J21MF1AK/J2	21MN1AK)			Q411 Q412	8-729-119-78 8-729-119-78	TRANSISTOR 2SO TRANSISTOR 2SO			
	* A-1293-714-A	A11 BOARD, COM	MPLETE (KV-	-J21MF	3)	Q413 Q415 Q416 Q418	8-729-029-92 8-729-029-92 8-729-119-78 8-729-029-92	TRANSISTOR DT TRANSISTOR DT TRANSISTOR 280 TRANSISTOR DT	CC143ESA C2785-HFE		
		<capacitor></capacitor>									
C409	1-101-880-00	CERAMIC	47PF	5%	50V			<resistor></resistor>			
C411	1-101-888-00	CERAMIC	68PF	5%	50V	R414	1-247-823-31	CARBON	470	5%	1/4W
C412	1-101-888-00	CERAMIC	68PF	5%	50V	R415	1-249-409-11	CARBON	220	5%	1/4W
C414	1-102-973-00	CERAMIC	100PF	5%	50V	R417	1-249-409-11	CARBON	220	5%	1/4W
C416	1-102-973-00	CERAMIC	100PF	5%	50V	R418 R422	1-249-415-11 1-247-809-31	CARBON CARBON	680 120	5% 5%	1/4W 1/4W
C417	1-102-973-00	CERAMIC	100PF	5%	50V	11422	1-247-007-31	CARDON	120	370	1/4**
C418	1-102-820-00	CERAMIC	330PF	5%	50V	R423	1-249-407-11	CARBON	150	5%	1/4W
C419	1-102-973-00	CERAMIC	100PF	5%	50V	R427	1-249-411-11	CARBON	330	5%	1/4W
C422	1-102-820-00	CERAMIC	330PF	5%	50V	R428	1-249-433-11	CARBON	22K	5%	1/4W
C424	1-102-824-00	CERAMIC	470PF	5%	50V	R430 R431	1-247-823-31	CARBON	470 22K	5% 5%	1/4W 1/4W
		<filter></filter>				K431	1-249-433-11	CARBON	22 <b>K</b>	3%	1/4 W
						R432	1-247-823-31	CARBON	470	5%	1/4W
CF45	1-767-220-11	FILTER, CERAMI	С			R435	1-247-823-31	CARBON	470	5%	1/4W
CF60	1-567-100-00	FILTER, CERAMI				R436	1-249-433-11	CARBON	22K	5%	1/4W
CF65	1-567-101-11	FILTER, CERAMI	C			R437	1-249-433-11	CARBON	22K	5%	1/4W
CN401	* 1-778-603-11	<connector> PIN, CONNECTOR</connector>	R (PC BOARI	D) 12P		*****	********	*******	******	*****	******
		<trimmer></trimmer>				*	A-1294-182-A	A12 BOARD, COM (KV-J21MF1AK/J2) ************************************	21MN1AK/J2	1PF1)	
CT45 CT60 CT65	1-579-690-11 1-409-429-11 1-409-327-00	TRAP, CERAMIC TRAP, CERAMIC TRAP, CERAMIC	(6.5MHZ)								
								<capacitor></capacitor>			
		<diode></diode>				C201	1-125-799-51	ELECT	1MF	20%	63V
D.400	0.710.011.10	DIODE 100110 05				C202	1-125-804-51	ELECT	100MF	20%	16V
D402	8-719-911-19	DIODE 1SS119-25				C203 C204	1-125-799-51 1-125-804-51	ELECT ELECT	1MF 100MF	20% 20%	63V 16V
						C205	1-136-159-00	FILM	0.033MF	5%	50V
		<ic></ic>				C206	1-130-480-00	MYLAR	0.0056MF	5%	50V
IC401	8-759-800-65	IC LA7910				C200	1-125-800-51	ELECT	2.2MF	20%	63V
						C208	1-125-800-51	ELECT	2.2MF	20%	63V
						C209	1-130-480-00	MYLAR	0.0056MF	5%	50V
		<coil></coil>				C210	1-136-159-00	FILM	0.033MF	5%	50V
L403	1-410-510-11	INDUCTOR	12UH			C211	1-136-165-00	FILM	0.1MF	5%	50V
L404	1-410-508-11	INDUCTOR	8.2UH			C1212	1-125-799-51	ELECT	1MF	20%	63V
L405	1-410-508-11	INDUCTOR	8.2UH			C1219	1-125-804-51	ELECT	100MF	20%	16V
L407	1-410-511-11	INDUCTOR	15UH			C1222	1-136-173-00	FILM	0.47MF	5%	50V
L408	1-410-500-11	INDUCTOR	1.8UH			C1223	1-125-799-51	ELECT	1MF	20%	63V
L409 L411	1-410-501-51 1-410-502-11	INDUCTOR INDUCTOR	2.2UH 2.7UH			C1225 C1228	1-136-173-00 1-125-799-51	FILM ELECT	0.47MF 1MF	5% 20%	50V 63V
		<transistor></transistor>						<connector></connector>			
Q405	8-729-119-76	TRANSISTOR 2SA	A1175-HFE			CN1211*	1-778-603-11	PIN, CONNECTO	R (PC BOAR)	D) 12P	
Q407 Q410	8-729-119-76 8-729-119-76	TRANSISTOR 2SA TRANSISTOR 2SA					1-778-603-11	PIN, CONNECTO			

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										•		
REF. NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<connector></connector>					R725	1-220-959-81	METAL	1.5K	5%	1/2W
CN701	1-508-766-00 * 1-564-509-11	PIN, CONNECTO PLUG, CONNECT	`	H) 4P			R725	1-249-419-11	(KV-J21MF1AK/J2 CARBON (KV-J21MF3)	1.5K	5%	1/4W
CN704	1-695-915-11	TAB (CONTACT)	TOK 01				R726	1-220-959-81	METAL (KV-J21MF1AK/J	1.5K	5%	1/2W
		<diode></diode>					R726	1-249-419-11	CARBON (KV-J21MF3)	1.5K	5%	1/4W
D701	8-719-911-19	DIODE 1SS119-25	ξ.				R727	1-220-959-81	METAL (KV-J21MF1AK/J	1.5K 21MN1 4 K/I	5%	1/2W
D701 D702	8-719-911-19								(IX V-J211VII 1/AIX/J.	ZIWIINIAIK/J.	21111)	
		DIODE 1SS119-25					D.727	1 240 410 11	CARRON	1 577	50/	1 / 4337
D703	8-719-911-19	DIODE 1SS119-25					R727	1-249-419-11	CARBON	1.5K	5%	1/4W
D707	8-719-911-19	DIODE 1SS119-25	5						(KV-J21MF3)			
D708	8-719-911-19	DIODE 1SS119-25	5				R728	1-249-407-11	CARBON	150	5%	1/4W
							R729	1-249-408-11	CARBON	180	5%	1/4W
D709	8-719-911-19	DIODE 1SS119-25					R730	1-249-408-11	CARBON	180	5%	1/4W
D710	8-719-911-19	DIODE 1SS119-25					R731	1-247-807-31	CARBON	100	5%	1/4W
D711	8-719-911-19	DIODE 1SS119-25										
D712	8-719-911-19	DIODE 1SS119-25	5				R732	1-247-807-31	CARBON	100	5%	1/4W
D716	8-719-911-19	DIODE 1SS119-25	5				R733	1-247-807-31	CARBON	100	5%	1/4W
							R734	1-247-739-11	CARBON	100	5%	1/2W
D717	8-719-121-24	DIODE RD9.1ESL					R738	1-247-807-31	CARBON	100	5%	1/4W
D/17	0-719-121-24	DIODE RD3.1ESE	•									
							R739	1-247-807-31	CARBON	100	5%	1/4W
		<jack></jack>					R740	1-247-807-31	CARBON	100	5%	1/4W
							R755	1-249-418-11	CARBON	1.2K	5%	1/4W
1701	1-251-239-11	COCKET CDT										
J701 🛮	<u>1</u> 1-251-259-11	SOCKET, CRT					R756	1-249-418-11	CARBON	1.2K	5%	1/4W
							R757	1-249-418-11	CARBON	1.2K	5%	1/4W
		<coil></coil>										
		COIL							<variable res<="" td=""><td>ISTOP~</td><td></td><td></td></variable>	ISTOP~		
L701	1-410-667-31	INDUCTOR	22UH						VARIABLE RES	15101		
L/01	1-410-007-31	INDUCTOR	22UH				RV701	1-230-641-11	DEC ADI METAI	CLAZE	M	
							KV /01	1-230-041-11	RES, ADJ, METAI	L GLAZE 2.2	ZIVI	
		TR LIGITATION										
		<transistor></transistor>										
Q704	8-729-326-11	TRANSISTOR 2S	C2611				******	******	******	*******	******	k**
Q705	8-729-326-11	TRANSISTOR 2S										
Q706	8-729-326-11	TRANSISTOR 2S	C2611									
Q707	8-729-200-17	TRANSISTOR 2S.	A1091-O				*	A-1380-580-A	K BOARD, COMF	PLETE		
Q708	8-729-200-17	TRANSISTOR 2S.	A1091-O						(KV-J21MF1AK/J2	21MN1AK C	NLY)	
									*********	*****	ĺ	
Q709	8-729-200-17	TRANSISTOR 2S.	Δ1001 <sub>-</sub> Ω									
-								4 252 944 01	DIN LEAD COAT	TING		
Q710	8-729-119-78	TRANSISTOR 2S						4-352-844-01	PIN, LEAD, COAT	IING		
Q711	8-729-119-78	TRANSISTOR 2S										
Q712	8-729-119-78	TRANSISTOR 2S	C2785-HFE									
									<capacitor></capacitor>			
		<resistor></resistor>					C1501	1-136-165-00	FILM	0.1MF	5%	50V
							C1502	1-136-165-00	FILM	0.1MF	5%	50V
R702	1-244-941-00	CARBON	680K	5%	1/2W		C1502	1-136-169-00	FILM	0.22MF	5%	50V
										220MF		
R703	1-249-496-11	CARBON	100K	5%	1/2W	_	C1505	1-125-806-51	ELECT		20%	16V
R705	1-216-393-00	METAL OXIDE	2.2	5%	3W	F	C1506	1-128-551-11	ELECT	22MF	20%	25V
R710	1-215-922-11	METAL OXIDE	6.8K	5%	3W	F						
R711	1-247-763-11	CARBON	8.2K	5%	1/2W		C1507	1-125-806-51	ELECT	220MF	20%	16V
							C1508	1-125-800-51	ELECT	2.2MF	20%	63V
R712						-		500 51			_0,0	
		METAL OVIDE	6 8 V	50/.	311/	H	C1512	1-126 060 11	FLECT	1ME	200/	
R / 13	1-215-922-11	METAL OXIDE	6.8K	5%	3W	F	C1513	1-126-960-11	ELECT	1MF	20%	50V
R713	1-215-922-11 1-247-763-11	CARBON	8.2K	5%	1/2W		C1514	1-128-551-11	ELECT	22MF	20%	25V
R714	1-215-922-11											
	1-215-922-11 1-247-763-11	CARBON	8.2K 6.8K	5%	1/2W		C1514	1-128-551-11	ELECT	22MF	20%	25V
R714 R715	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11	CARBON METAL OXIDE CARBON	8.2K 6.8K 8.2K	5% 5% 5%	1/2W 3W 1/2W		C1514 C1515	1-128-551-11 1-125-804-51	ELECT ELECT	22MF 100MF	20% 20%	25V 16V
R714	1-215-922-11 1-247-763-11 1-215-922-11	CARBON METAL OXIDE	8.2K 6.8K	5% 5%	1/2W 3W		C1514 C1515 C1516	1-128-551-11 1-125-804-51 1-125-797-51	ELECT ELECT	22MF 100MF 10MF	20% 20% 20%	25V 16V 50V
R714 R715 R719	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00	CARBON METAL OXIDE CARBON METAL	8.2K 6.8K 8.2K 300K	5% 5% 5% 1%	1/2W 3W 1/2W 1/4W	F	C1514 C1515 C1516 C1517	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51	ELECT ELECT ELECT	22MF 100MF 10MF 2.2MF	20% 20% 20% 20%	25V 16V 50V 63V
R714 R715 R719	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00 1-249-923-11	CARBON METAL OXIDE CARBON METAL CARBON	8.2K 6.8K 8.2K 300K	5% 5% 5% 1%	1/2W 3W 1/2W 1/4W	F	C1514 C1515 C1516 C1517 C1519	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51 1-125-806-51	ELECT ELECT ELECT ELECT ELECT	22MF 100MF 10MF 2.2MF 220MF	20% 20% 20%	25V 16V 50V
R714 R715 R719	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00	CARBON METAL OXIDE CARBON METAL	8.2K 6.8K 8.2K 300K	5% 5% 5% 1%	1/2W 3W 1/2W 1/4W	F	C1514 C1515 C1516 C1517	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51	ELECT ELECT ELECT	22MF 100MF 10MF 2.2MF 220MF	20% 20% 20% 20%	25V 16V 50V 63V
R714 R715 R719	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00 1-249-923-11	CARBON METAL OXIDE CARBON METAL CARBON	8.2K 6.8K 8.2K 300K	5% 5% 5% 1%	1/2W 3W 1/2W 1/4W	F F	C1514 C1515 C1516 C1517 C1519	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51 1-125-806-51	ELECT ELECT ELECT ELECT ELECT	22MF 100MF 10MF 2.2MF 220MF	20% 20% 20% 20%	25V 16V 50V 63V
R714 R715 R719 R720 R721	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00 1-249-923-11 1-215-489-00	CARBON METAL OXIDE CARBON METAL CARBON METAL	8.2K 6.8K 8.2K 300K 1K 680K	5% 5% 5% 1% 5% 1%	1/2W 3W 1/2W 1/4W 1/4W	F F	C1514 C1515 C1516 C1517 C1519 C1521	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51 1-125-806-51 8-719-109-84	ELECT ELECT ELECT ELECT ELECT DIODE RD5.1ESE	22MF 100MF 10MF 2.2MF 220MF	20% 20% 20% 20% 20% 20%	25V 16V 50V 63V 16V
R714 R715 R719 R720 R721 R722 R723	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00 1-249-923-11 1-215-489-00 1-249-923-11 1-215-479-00	CARBON METAL OXIDE CARBON METAL  CARBON METAL CARBON METAL CARBON METAL	8.2K 6.8K 8.2K 300K 1K 680K 1K 270K	5% 5% 5% 1% 5% 1% 5% 1%	1/2W 3W 1/2W 1/4W 1/4W 1/4W 1/4W 1/4W	F F	C1514 C1515 C1516 C1517 C1519 C1521 C1524	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51 1-125-806-51 8-719-109-84 1-126-943-11	ELECT ELECT ELECT ELECT ELECT DIODE RD5.1ESE ELECT	22MF 100MF 10MF 2.2MF 220MF 31 2200MF	20% 20% 20% 20% 20% 20%	25V 16V 50V 63V 16V 25V
R714 R715 R719 R720 R721 R722	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00 1-249-923-11 1-215-489-00 1-249-923-11	CARBON METAL OXIDE CARBON METAL CARBON METAL CARBON	8.2K 6.8K 8.2K 300K 1K 680K 1K 270K	5% 5% 5% 1% 5% 1% 5%	1/2W 3W 1/2W 1/4W 1/4W 1/4W 1/4W	F F	C1514 C1515 C1516 C1517 C1519 C1521 C1524 C1525	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51 1-125-806-51 8-719-109-84 1-126-943-11 1-125-808-51	ELECT ELECT ELECT ELECT ELECT DIODE RD5.1ESE ELECT ELECT	22MF 100MF 10MF 2.2MF 220MF 31 2200MF 470MF	20% 20% 20% 20% 20% 20%	25V 16V 50V 63V 16V 25V
R714 R715 R719 R720 R721 R722 R723	1-215-922-11 1-247-763-11 1-215-922-11 1-247-763-11 1-215-480-00 1-249-923-11 1-215-489-00 1-249-923-11 1-215-479-00	CARBON METAL OXIDE CARBON METAL  CARBON METAL CARBON METAL CARBON METAL	8.2K 6.8K 8.2K 300K 1K 680K 1K 270K	5% 5% 5% 1% 5% 1% 5% 1%	1/2W 3W 1/2W 1/4W 1/4W 1/4W 1/4W 1/4W	F F	C1514 C1515 C1516 C1517 C1519 C1521 C1524	1-128-551-11 1-125-804-51 1-125-797-51 1-125-800-51 1-125-806-51 8-719-109-84 1-126-943-11	ELECT ELECT ELECT ELECT ELECT DIODE RD5.1ESE ELECT	22MF 100MF 10MF 2.2MF 220MF 31 2200MF	20% 20% 20% 20% 20% 20%	25V 16V 50V 63V 16V 25V

RM-883

V	KV-J21MF1AK
N'	KV-J21MN1AK

K1 (KV-J21MF1AK)

#### VM (KV-J21MF1AK) KV-J21MN1AK)

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C1527 C1528 C1529	1-136-165-00 1-126-953-11 1-126-953-11	FILM ELECT ELECT	0.1MF 2200MF 2200MF	5% 20% 20%	50V 35V 35V	*	* A-1380-581-A	K1 BOARD, COM (KV-J21MF1AK/J2 ************************************	MN1AK O	NLY)	
		<connector></connector>						CONNECTOR			
CN1501*	* 1-564-508-11	PLUG, CONNECT	TOR 5P					<connector></connector>			
CN1503*	* 1-564-507-11 * 1-564-506-11	PLUG, CONNECT PLUG, CONNECT	TOR 3P			CN3251*	* 1-564-506-11	PLUG, CONNECT	OR 3P		
CN1504	1-564-506-11	PLUG, CONNECT	IOR 3P					<jack></jack>			
		<diode></diode>				J3251	1-536-707-21	TERMINAL, PUSI	H (2P)		
D1501 D1502 D1503	8-719-911-19 8-719-110-72 8-719-110-72	DIODE 1SS119-25 DIODE RD30ESB DIODE RD30ESB	2			******	******	*******	******	*****	*****
		<ic></ic>				>	* A-1342-422-A	VM BOARD, COM (KV-J21MF1AK/J2			
IC1501	8-759-980-43	IC TDA2009A						*********			
		<ic link=""></ic>					4-382-854-11	SCREW (M3X10),	P, SW (+)		
PS1501	1-532-984-11	LINK, IC 2A/90V						<capacitor></capacitor>			
		<transistor></transistor>				C1722 C1724	1-102-115-00 1-102-961-00	CERAMIC CERAMIC	560PF 27PF	10% 5%	50V 50V
Q1503	8-729-119-78	TRANSISTOR 2S	C2785-HFE			C1751 C1761	1-136-153-00 1-161-830-00	FILM CERAMIC	0.01MF 0.0047MF	5% 99%	50V 500V
Q1504	8-729-202-67	TRANSISTOR 2S	K246-GR3			C1763	1-107-638-11	ELECT	33MF	20%	160V
		DEGIGEOD.				C1764	1-125-804-51	ELECT	100MF	20%	16V
		<resistor></resistor>				C1768 C1769	1-107-368-11 1-107-667-11	MYLAR ELECT	0.047MF 2.2MF	99% 20%	200V 160V
R1501	1-249-385-11	CARBON	2.2	5%	1/4W	C1770	1-104-999-11	MYLAR	0.1MF	10%	200V
R1502	1-249-385-11	CARBON	2.2	5%	1/4W	C1771	1-125-797-51	ELECT	10MF	20%	50V
R1503	1-220-958-81	METAL	1K	5%	1/2W						
R1504	1-220-961-81	METAL	2.2K	5%	1/2W	C1772	1-125-804-51	ELECT	100MF	20%	16V
R1505	1-249-400-11	CARBON	39	5%	1/4W	C1773	1-107-368-11	MYLAR	0.047MF	99%	200V
71.50	1 2 10 100 11	GIRRON	20		4 / 4 * * *	C1775	1-125-804-51	ELECT	100MF	20%	16V
R1506	1-249-400-11	CARBON	39	5%	1/4W	C1776	1-125-797-51	ELECT	10MF	20%	50V
R1512 R1516	1-247-855-31 1-247-855-31	CARBON CARBON	10K 10K	5% 5%	1/4W 1/4W	C1778	1-130-471-51	MYLAR	0.001MF	5%	50V
R1510	1-247-655-51	CARBON	47	5%	1/4W	C1779	1-130-471-51	MYLAR	0.001MF	5%	50V
R1517	1-247-825-31	CARBON	560	5%	1/4W	C1779	1-125-797-51	ELECT	10MF	20%	50V
R1521	1-249-432-11	CARBON	18K	5%	1/4W						
R1522	1-247-847-31	CARBON	4.7K	5%	1/4W			<connector></connector>			
R1523	1-220-961-81	METAL	2.2K	5%	1/2W	GN 14 E 0.4		DI IIG GOLD TIG	00.00		
R1524	1-249-438-11	CARBON	56K	5% 5%	1/4W	CN1701	1-564-511-11	PLUG, CONNECT	OK 8P		
R1525	1-249-398-11	CARBON	27	5%	1/4W						
R1526	1-220-959-81	METAL	1.5K	5%	1/2W			<diode></diode>			
R1528	1-220-959-81	METAL	1.5K	5%	1/2W						
R1534	1-216-388-11	METAL OXIDE	0.82	5%	3W F	D1761 D1763 D1764 D1767 D1768	8-719-911-19 8-719-911-19 8-719-911-19 8-719-110-88 8-719-110-88	DIODE 1SS119-25 DIODE 1SS119-25 DIODE 1SS119-25 DIODE RD39ESB DIODE RD39ESB	2		
								<coil></coil>			
								COLL			
						L1721 L1722	1-414-191-11 1-408-621-31	INDUCTOR INDUCTOR	150UH 330UH		

VM (KV-J21MF1AK) VM (KV-J21MF3)

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REF.	NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
L172	72	1-414-182-11	INDUCTOR	6.8UH				R1812	1-247-847-31	CARBON	4.7K	5%	1/4W
L17.		1-414-182-11	INDUCTOR	6.8UH 47UH				R1851	1-247-847-31	CARBON	4.7K 10	5%	1/4W 1/4W
L170		1-408-610-31	INDUCTOR	39UH				K1031	1-249-393-11	CARBON	10	370	1/4 VV
LIA	02	1-400-010-31	INDUCTOR	37011									
			<transistor></transistor>					******	******	******	******	*****	*****
Q17		8-729-119-78	TRANSISTOR 2S						1212 102 1	INCROLPD COL	ADI EDE AAA	1013 fF/	2)
Q17		8-729-119-78	TRANSISTOR 2S					1	A-1342-403-A	VM BOARD, CON		J21MF.	3)
Q17. Q17		8-729-119-78 8-729-119-78	TRANSISTOR 2SO										
Q17		8-729-119-76	TRANSISTOR 2S						4-382-854-11	SCREW (M3X10),	P. SW (+)		
											, ,		
Q17	63	8-729-017-05	TRANSISTOR 2S.	A1837									
Q17		8-729-119-78	TRANSISTOR 2S							<capacitor></capacitor>			
Q17		8-729-017-06	TRANSISTOR 2S					G1500		ann 13 ma	F CODE	100/	
Q17		8-729-119-78	TRANSISTOR 2SO					C1722	1-102-115-00	CERAMIC	560PF	10%	50V
Q17	0/	8-729-142-86	TRANSISTOR 25	C3/33				C1724 C1751	1-102-961-00 1-136-153-00	CERAMIC FILM	27PF 0.01MF	5% 5%	50V 50V
Q17	77	8-729-326-11	TRANSISTOR 2S	C2611				C1751	1-161-830-00	CERAMIC	0.01WIF	99%	500V
Q17	, ,	0 727 320 11	110 11 (515 1 510 25)	02011				C1763	1-107-638-11	ELECT	33MF	20%	160V
													•
			<resistor></resistor>					C1764	1-126-933-11	ELECT	100MF	20%	16V
								C1768	1-107-368-11	MYLAR	0.047MF	99%	200V
R17		1-247-825-31	CARBON	560	5%	1/4W		C1769	1-107-667-11	ELECT	2.2MF	20%	160V
R17		1-249-412-11	CARBON	390	5%	1/4W		C1770	1-104-999-11	MYLAR	0.1MF	10%	200V
R172 R172		1-249-407-11 1-249-407-11	CARBON CARBON	150 150	5% 5%	1/4W 1/4W		C1771	1-126-964-51	ELECT	10MF	20%	50V
R17		1-249-407-11	CARBON	390	5%	1/4W		C1772	1-126-933-11	ELECT	100MF	20%	16V
1017.		1 2 17 112 11	Critabort	570	570	1/ 111		C1773	1-107-368-11	MYLAR	0.047MF	99%	200V
R17	27	1-220-963-81	METAL	3.3K	5%	1/2W		C1775	1-126-933-11	ELECT	100MF	20%	16V
R17	28	1-247-855-31	CARBON	10K	5%	1/4W		C1776	1-126-964-51	ELECT	10MF	20%	50V
R17.	32	1-125-797-51	ELECT	10MF	20%	50V		C1778	1-130-471-51	MYLAR	0.001MF	5%	50V
R17.		1-220-959-81	METAL	1.5K	5%	1/2W							
R17:	53	1-249-434-11	CARBON	27K	5%	1/4W		C1779	1-130-471-51	MYLAR	0.001MF	5%	50V
R17	62	1-249-409-11	CARBON	220	5%	1/4W		C1780	1-126-964-51	ELECT	10MF	20%	50V
R17		1-249-409-11	CARBON	39	5%	1/4W	F						
R17		1-249-414-11	CARBON	560	5%	1/4W				<connector></connector>			
R17		1-249-418-11	CARBON	1.2K	5%	1/4W	_						
R17	68	1-220-961-81	METAL	2.2K	5%	1/2W		CN1701	1-564-511-11	PLUG, CONNECT	OR 8P		
R17		1-249-384-11	CARBON	1.8	5%	1/4W	F			DIODE			
R17		1-249-435-11	CARBON	33K	5%	1/4W				<diode></diode>			
R17′ R17′		1-249-432-11 1-215-912-11	CARBON METAL OXIDE	18K 150	5% 5%	1/4W 3W	F	D1761	8-719-911-19	DIODE 1SS119-25			
R17		1-249-417-11	CARBON	150 1K	5%	1/4W		D1761 D1763	8-719-911-19	DIODE 1SS119-25			
1117	, ,	121,711,11	or made or v		270	27		D1764	8-719-911-19	DIODE 1SS119-25			
R17	76	1-249-432-11	CARBON	18K	5%	1/4W		D1767	8-719-110-88	DIODE RD39ESB			
R17	77	1-249-438-11	CARBON	56K	5%	1/4W		D1768	8-719-110-88	DIODE RD39ESB	2		
R17′		1-249-430-11	CARBON	12K	5%	1/4W							
R17		1-247-825-31	CARBON	560	5%	1/4W				2011			
R17	80	1-249-418-11	CARBON	1.2K	5%	1/4W				<coil></coil>			
R17	81	1-249-410-11	CARBON	270	5%	1/4W		L1721	1-414-191-11	INDUCTOR	150UH		
R17		1-249-384-11	CARBON	1.8	5%	1/4W	F	L1722	1-408-621-31	INDUCTOR	330UH		
R17		1-247-807-31	CARBON	100	5%	1/4W		L1723	1-414-182-11	INDUCTOR	6.8UH		
R17	85	1-249-400-11	CARBON	39	5%	1/4W	F	L1761	1-410-478-11	INDUCTOR	47UH		
R17	86	1-249-435-11	CARBON	33K	5%	1/4W		L1762	1-408-610-31	INDUCTOR	39UH		
P.15	0.7	1.040.400.11	CARRON	0.017	E0/	1 / 4777							
R17		1-249-428-11	CARBON	8.2K	5%	1/4W				TD A MCICTOD			
R178 R178		1-220-959-81 1-247-823-31	METAL CARBON	1.5K 470	5% 5%	1/2W 1/4W				<transistor></transistor>			
R179		1-247-823-31	METAL OXIDE	120	5% 5%	1/4 W 2 W	F	Q1722	8-729-119-78	TRANSISTOR 2SO	2785-HFF		
R17		1-249-411-11	CARBON	330	5%	1/4W	•	Q1722 Q1723	8-729-119-78	TRANSISTOR 2SO			
/ .				•				Q1756	8-729-119-78	TRANSISTOR 2SO			
								Q1761	8-729-119-78	TRANSISTOR 2SO			
								Q1762	8-729-119-76	TRANSISTOR 2SA	A1175-HFE		

VM (KV-J21MF3)

REF. NO.	PART NO.	DESCRIPTION			REMA	ARK_	REF. NO.	PART NO.	DESCRIPTION	REMARK
Q1763 Q1764 Q1765	8-729-017-05 8-729-119-78 8-729-017-06	TRANSISTOR 2S. TRANSISTOR 2S. TRANSISTOR 2S.	C2785-HFE						MISCELLANEOUS ************************************	
Q1766	8-729-119-78	TRANSISTOR 2S					<u> </u>	1-409-942-11	COIL, DEMAGNETIZATION	
Q1767	8-729-142-86	TRANSISTOR 2S						1-417-154-21	MATCHING TRANSFORMER, ANTE	ENNA
									(KV-J21MF3 ONLY)	
Q1777	8-729-326-11	TRANSISTOR 2S	C2611					1-452-032-00	MAGNET,DISC	
								1-452-277-00	MAGNET, BMC	
		PEGIGEOR						1-452-509-51	NECK ASSY, CRT (NA308)	
		<resistor></resistor>							(EXCEPT FOR KV-J21PF1)	
R1721	1-247-825-31	CARBON	560	5%	1/4W			1-501-730-41	ANTENNA, TELESCOPIC (KV-J21M)	F3 ONLY)
R1722	1-249-412-11	CARBON	390	5%	1/4W		1	1-503-902-11	SPEAKER	01(21)
R1723	1-249-407-11	CARBON	150	5%	1/4W			1-505-892-11	SPEAKER (10CM)	
R1724	1-249-407-11	CARBON	150	5%	1/4W				(KV-J21MF1AK/J21MN1AK ONLY)	
R1725	1-249-412-11	CARBON	390	5%	1/4W		<u> </u>	1-574-062-61	CORD, POWER (WITH CONNECTOR	R) 2.5A/250V
							<u> </u>	1-900-700-05	LEAD ASSY, FOCUS	
R1727	1-247-843-11	CARBON	3.3K	5%	1/4W					
R1728	1-247-855-31	CARBON	10K	5%	1/4W			8-451-280-33	DEFLECTION YOKE (Y21PXA2)	
R1732	1-126-964-51	ELECT	10MF	20%	50V		△ 3	8-738-774-05	PICTURE TUBE (A51JUH71X)	
R1736	1-249-419-11	CARBON	1.5K	5%	1/4W					
R1753	1-249-434-11	CARBON	27K	5%	1/4W		*******	******	***********	*****
R1762	1-249-409-11	CARBON	220	5%	1/4W					
R1764	1-247-734-11	CARBON	39	5%	1/2W	F				
R1765	1-249-414-11	CARBON	560	5%	1/4W			ACCESSORIE	S AND PACKING MATERIALS	
R1766	1-249-418-11	CARBON	1.2K	5%	1/4W				********	
R1768	1-247-839-31	CARBON	2.2K	5%	1/4W					
								1-417-154-21	MATCHING TRANSFORMER, ANTE	ENNA
R1769	1-249-384-11	CARBON	1.8	5%	1/4W	F			(KV-J21MF3 ONLY)	
R1770	1-249-435-11	CARBON	33K	5%	1/4W			1-501-730-41	ANTENNA, TELESCOPIC (KV-J21MI	F3 ONLY)
R1772	1-249-432-11	CARBON	18K	5%	1/4W			3-701-910-01	SCREW, SPECIAL (DIA. 3.8X20)	
R1774	1-215-912-11	METAL OXIDE	150	5%	3W	F		3-862-021-11	MANUAL, INSTRUCTION	
R1775	1-249-417-11	CARBON	1K	5%	1/4W	F		2 0/2 021 21	(EXCEPT FOR KV-J21MF3)	TP2)
D1776	1 240 422 11	CARRON	1017	£0/	1 /4337			3-862-021-21	MANUAL, INSTRUCTION (KV-J21M	F3)
R1776 R1777	1-249-432-11 1-249-438-11	CARBON CARBON	18K 56K	5% 5%	1/4W 1/4W		*	4-053-003-01	BAG, PROTECTION	
R1777	1-249-430-11	CARBON	12K	5%	1/4W		1	4-053-003-01	CUSHION (LOWER)(ASSY)	
R1779	1-247-825-31	CARBON	560	5%	1/4W			+ 00+ 275 01	(KV-J21MF1AK/J21MN1AK)	
R1780	1-249-418-11	CARBON	1.2K	5%	1/4W		* 2	4-059-261-01	CUSHION (LOWER)(ASSY) (KV-J21)	MF3/J21PF1)
				-,-	-,		1	4-064-274-01	CUSHION (UPPER)(ASSY)	,,
R1781	1-249-410-11	CARBON	270	5%	1/4W				(KV-J21MF1AK/J21MN1AK)	
R1782	1-249-384-11	CARBON	1.8	5%	1/4W	F	* 4	4-059-262-01	CUSHION (UPPER)(ASSY) (KV-J21M	IF3/J21PF1)
R1784	1-247-807-31	CARBON	100	5%	1/4W					
R1785	1-249-400-11	CARBON	39	5%	1/4W	F	* 4	4-064-279-01	INDIVIDUAL CARTON	
R1786	1-249-435-11	CARBON	33K	5%	1/4W				(KV-J21MF1AK/J21MN1AK)	
								4-056-172-01	INDIVIDUAL CARTON (KV-J21MF3)	)
R1787	1-249-428-11	CARBON	8.2K	5%	1/4W			4-059-267-01	INDIVIDUAL CARTON (KV-J21PF1)	
R1788	1-249-419-11	CARBON	1.5K	5%	1/4W		1	4-392-003-31	BAND, HOLD	
R1789	1-247-823-31	CARBON	470	5%	1/4W	Е	1	4-392-004-21	CLIP	
R1790 R1791	1-216-451-11 1-249-411-11	METAL OXIDE CARBON	120 330	5% 5%	2W 1/4W	F				
K1/71	1-249-411-11	CARBON	330	370	1/ <b>4 VV</b>		*******	******	************	*****
R1812	1-247-847-31	CARBON	4.7K	5%	1/4W					
R1851	1-249-393-11	CARBON	10	5%	1/4W					
									REMOTE COMMANDER	
									*******	
******	*********	*******	*******	*****	******	****		1-475-800-11	REMOTE COMMANDER (RM-883)	